

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### CTGrade GMP rh IL-7 SHD-500-07-100UG

|                            |                                                                                                                                                                                                                                                              |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | CTGrade GMP rh IL-7                                                                                                                                                                                                                                          |
| Biozol Catalog Number      | SHD-500-07-100UG                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | 500-07-100UG                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | SHD-500-07-100UG                                                                                                                                                                                                                                             |
| Manufacturer               | Fujifilm Irvine Scientific                                                                                                                                                                                                                                   |
| Category                   | Proteine/Peptide                                                                                                                                                                                                                                             |
| Application                | Bioassay, SDS-PAGE, WB                                                                                                                                                                                                                                       |
| Species Reactivity         | Human                                                                                                                                                                                                                                                        |
| Product Description        | IL-7 promotes the stimulation of multipotent (pluripotent) hematopoietic stem cells into lymphoid progenitor cells. IL-7, along with IL-2, 15, and 21, is a member of the common gamma (gammac) chain cytokine family. Secreted by bone marrow and thymic... |
| Molecular Weight           | 17.5                                                                                                                                                                                                                                                         |
| UniProt                    | <a href="#">P13232</a>                                                                                                                                                                                                                                       |
| Buffer                     | 20 mM Sodium Phosphate, pH 7.5                                                                                                                                                                                                                               |
| Source                     | E. coli                                                                                                                                                                                                                                                      |
| Purity                     | 97                                                                                                                                                                                                                                                           |
| Form                       | Lyophilized from a sterile (0.2 micron) filtered aqueous solution                                                                                                                                                                                            |

|                   |                                                                                                                                                                                                                                                                         |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence          | MDCDIEGKDG KQYESVLMVS IDQLLDSTMKE IGSNCLNNEF NFFKRHICDA<br>NKEGMFLFRA ARKLRQFLKM NSTGDFDLHL LKVSEGTTIL LNCTGQVKGR<br>KPAALGEAQP TKSLEENKSL KEQKKLNDLC FLKRLLQEIK TCWNKILMGT<br>KEH                                                                                      |
| Application Notes | Draw up desired volume of reconstitution buffer. Aseptically<br>puncturing through rubber stopper with sterile needle, inject the<br>buffer to achieve the desired concentration (0.1-0.5 mg/mL). Swirl<br>the vial gently, do not vortex. Allow protein to rehydrate f |