

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

## Product Datasheet

### CTGrade GMP rh IL-6 SHD-500-06-1MG

|                            |                                                                                                                                                                                                                                                             |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | CTGrade GMP rh IL-6                                                                                                                                                                                                                                         |
| Biozol Catalog Number      | SHD-500-06-1MG                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | 500-06-1MG                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | SHD-500-06-1MG                                                                                                                                                                                                                                              |
| Manufacturer               | Fujifilm Irvine Scientific                                                                                                                                                                                                                                  |
| Category                   | Proteine/Peptide                                                                                                                                                                                                                                            |
| Application                | Bioassay, SDS-PAGE, WB                                                                                                                                                                                                                                      |
| Species Reactivity         | Human                                                                                                                                                                                                                                                       |
| Product Description        | IL-6 is an important pro-inflammatory and anti-inflammatory cytokine expressed by T cells, macrophages, and muscle cells. Signals through a receptor complex containing two receptors, IL-6Ralpha and gp130 Plays an important function in promoting fev... |
| Molecular Weight           | 20.9                                                                                                                                                                                                                                                        |
| UniProt                    | <a href="#">P05231</a>                                                                                                                                                                                                                                      |
| Buffer                     | 10 mM Sodium Phosphate, pH 7.5                                                                                                                                                                                                                              |
| Source                     | E. coli                                                                                                                                                                                                                                                     |
| Purity                     | 97                                                                                                                                                                                                                                                          |
| Form                       | Lyophilized from a sterile (0.2 micron) filtered aqueous solution                                                                                                                                                                                           |

|                   |                                                                                                                                                                                                                                                                         |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence          | MPVPPGEDSK DVAAPHRQPL TSSERIDKQI RYILDGISAL RKETCNKSNM<br>CESSKEALAE>NNLNLPKMAE KDGCFQSGFN EETCLVKIIT GLLEFEVYLE<br>YLQNRFESSE EQARAVQMST KVLIQFLQKK AKNLDAITTP DPTTNASLLT<br>KLQAQNQWLQ DMTTHLILRS FKEFLQSSLR ALRQM                                                    |
| 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 |