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## Product Datasheet

### Human recombinant IL-4 (Interleukin-4) protein, AF BOB-PROTP05112-9-100UG

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Human recombinant IL-4 (Interleukin-4) protein, AF                                                                                                                                                                                                            |
| Biozol Catalog Number      | BOB-PROTP05112-9-100UG                                                                                                                                                                                                                                        |
| Supplier Catalog Number    | PROTP05112-9-100ug                                                                                                                                                                                                                                            |
| Alternative Catalog Number | BOB-PROTP05112-9-100UG-100UG                                                                                                                                                                                                                                  |
| Manufacturer               | Boster Bio                                                                                                                                                                                                                                                    |
| Category                   | Proteine/Peptide                                                                                                                                                                                                                                              |
| Application                | Cell Culture                                                                                                                                                                                                                                                  |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Product Description        | Interleukin-4 (IL-4) is a key cytokine produced by activated T cells, mast cells, basophils, neutrophils and eosinophils. IL-4 is critical for the development of Th2-mediated responses, which is related to allergy and asthma. It can also regulate B c... |
| Molecular Weight           | The protein has a calculated MW of 15.9 kDa. The protein migrates as 12 kDa under reducing condition (SDS-PAGE analysis).                                                                                                                                     |
| Tag                        | His Tag (C-term)                                                                                                                                                                                                                                              |
| UniProt                    | <a href="#">P05112</a>                                                                                                                                                                                                                                        |
| Source                     | Escherichia coli                                                                                                                                                                                                                                              |
| Form                       | The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH 8.0. If you have any concerns or special requirements, please confirm with us.                                                                                              |

|          |                                                                                                                                                                                      |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence | MHKCDITLQEIIKTLNSLTEQKTLCTELTVTDIFAASKNTTEKETFCRAATVLRQ<br>FYSHHEKDTRCLGATAQQFHRHKQLIRFLKRLDRNLWGLAGLNSCPVKEANQ<br>STLENFLERLKTIMREKYSKCSS with polyhistidine tag at the C-terminus. |
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