

Recombinant Rhesus IL4 protein

Product Information

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| Cat | IMP-5839 |
| Official Symbol | IL4 |
| Product Overview | Recombinant Rhesus IL4 protein(P51492)(25-153aa) was expressed in E.Coli. |
| Expression System | E.Coli |
| Species | Rhesus |
| Tag | N/A |
| Form | Lyophilized from a 0.2 µm filtered 2 × PBS, pH 7.4, 5 % trehalose |
| Molecular Mass | 14.9 kDa |
| Protein length | 25-153aa |
| AA Sequence | HNCHIALREI IETLNSLTEQ KTLCTKLTIT DILAASKNTT EKETFCRAAT VLRQFYSHHE KDTRCLGATA QQFHRHKQLI RFLKRLDRNL WGLAGLNSCP VKEANQSTLE DFLERLKTIM REKYSKCSS |
| Endotoxin | Less than 1.0 EU/µg as determined by LAL method. |
| Purity | >96% as determined by SDS-PAGE and HPLC. |
| Biological Activity | Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using human TF-1 cells is less than 1.0 ng/ml, corresponding to a specific activity of \square 1.0 × 10 ⁶ IU/mg. |
| Storage | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles. |
| Reconstitution | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20□/-80□. Our default final concentration of glycerol is 50%. Customers could use it as reference. |