

PRODUCT INFORMATION

| Target | GM-CSFR |
|--------------------------------------|---|
| Synonyms | alphaGMR;CD116;CDw116;CSF2R;CSF2RAX;CSF2RAY;CSF2RX;CSF2RY;GM-CSF-R-alpha;GMCSFR-GMCSFR-alpha;GMR-alpha;SMDP4 |
| Description | Recombinant Human GM-CSFR Protein with C-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | P15509 |
| Expression Host | HEK293 C-Human Fc Tag |
| Tag Molecular Characterization | GM-CSFR(Glu23-Gly320) hFc(Glu99-Ala330) |
| Molecular Weight | The protein has a predicted molecular mass of 60.6 kDa after removal of the signal peptide. The apparent molecular mass of GM-CSFR- hFc is approximately 70-130 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage & Shipping Background | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C flovid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. The protein encoded by this gene is the alpha subunit of the heterodimeric receptor for colony stimulating factor 2, a cytokine which controls the production, differentiation, and function of granulocytes and macrophages. The encoded protein is a member of the cytokine family of receptors. This gene is found in the peedudautosomal region (PAR) of the X and Y chromosomes. Multiple transcript variants encoding different isoforms have been found for this gene, with some of the isoforms being membrane-bound and others being soluble. [provided by RefSeq, Jul 2008] |
| Usage | being soluble. [přovided by RefSeq, Jul 2008] |
| Conjugate | Aresearch use unity Unconjugated |
| | |
| | kDa M R |
| | 250 |
| | 130 |
| | 100 |
| | 70 |

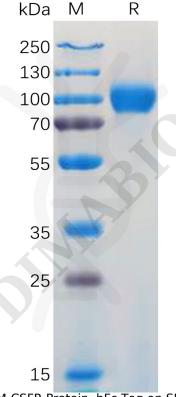


Figure 1. Human GM-CSFR Protein, hFc Tag on SDS-PAGE under reducing condition.

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