PRODUCT INFORMATION

Target	GM-CSFR
Synonyms	alphaGMR;CD116;CDw116;CSF2R;CSF2RAX;CSF2RAY;CSF2RX;CSF2RY;GM-CSF-R-alpha;GMCSFR;GMCSFR-alpha;GMR;GMR-alpha;SMDP4
Description	Recombinant Human GM-CSFR Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P15509
Expression Host	HEK293
Tag	C-Human Fc 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	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 (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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 pseudoautosomal 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	Research use only
Conjugate	Unconjugated

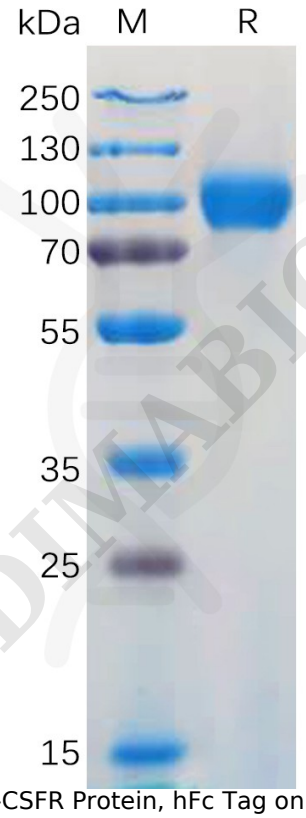


Figure 1. Human GM-CSFR Protein, hFc Tag on SDS-PAGE under reducing condition.

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