

PRODUCT INFORMATION

Target

Synonyms alphaGMR; CD116; CDw116; CSF2R; CSF2RAX; CSF2RAY; CSF2RX; CSF2RY; GM-CSF-R-alpha; GMCSFR; GMCSFR-alpha; GMR; GMR-alpha; SMDP4, GMR-alpha; GMR

Description Recombinant Human GM-CSFR Protein with C-terminal human Fc tag

Delivery In Stock Uniprot ID P15509 **Expression Host** C-Human Fc Tag

GM-CSFR(Glu23-Gly320) hFc(Glu99-Ala330)

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.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Purity

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

or Analysis for specific instructions or reconstitution. Store at 2.0°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. 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 pseudosulosomal 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 soulbut. [provided by ReSeq., Jul 2008]

Usage Research use only

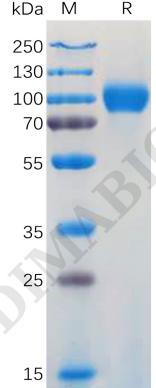


Figure 1. Human GM-CSFR Protein, hFc Tag on SDS-PAGE under reducing condition.

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