

Recombinant Mouse CSF2RA/GM-CSF R alpha /CD116 Protein

Catalog No.: RP02663

Sequence Information

Species	Gene ID
Mouse	12982
Swiss Prot	Tags
Q00941	C-His

Synonyms

GM-CSF-R-alpha; GMCSFR-alpha;
GMR-alpha; CSF2R; CSF2RY;
CSF2RA; CDw116; CD116;
CSF2RAX; CSF2RAY; CSF2RX;
GMCSFR; GMR; SMDP4

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

Calculated MW Observed MW

33.1 kDa 50-65 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

In the first trimester, the GM-CSF-R was found to be present on villous cytotrophoblast and all populations of extravillous trophoblast. Expression by villous syncytiotrophoblast was weak or absent, but this increased markedly by term. GM-CSF-R were also expressed by fetal Hofbauer cells within the mesenchyme of the chorionic villi and by uterine glandular epithelium and decidual macrophages within maternal decidua.

Basic Information

Description

Recombinant Mouse CSF2RA/GM-CSF R alpha/CD116 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Leu30-Pro327) of Mouse CSF2RA fused with His tag at the C-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

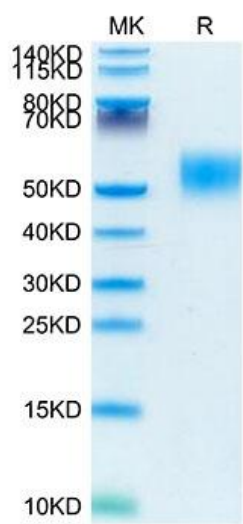
Contact

☎ | 400-999-6126

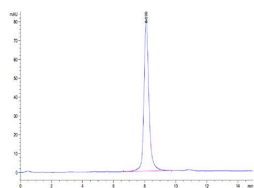
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Validation Data



Recombinant Mouse CSF2RA/GM-CSF R alpha/CD116 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Mouse GM-CSF R alpha is greater than 95% as determined by SEC-HPLC.