



Recombinant Cat CSF1R Protein Product Manual

1. Product Basic Information

Product No.: REP06561

Protein Name: M-Csf-Cd115 Antigen (CSF1R)

Aliases: FMS; CSFR; FIM2; GPSC; HDLS; C-FMS; CD115; HDLS1; CSF-1R; BANDDOS; M-CSF-CD115 antigen; CSF-1 receptor; FMS proto-oncogene; proto-oncogene c-Fms; colony stimulating factor 1 receptor; macrophage colon...

UniProt ID: P07333

UniProt Link: <https://www.uniprot.org/uniprotkb/P07333/entry>

Species Source: Felis catus (Cat) (Felis silvestris catus)

Expression System: E.coli

Protein Length: Extracellular Domain (20-514)

Molecular Weight: 70.8kDa

Protein Tag: N-terminal 6xHis-SUMO-tagged

2. Amino Acid Sequence (20-514)

VPVIQPSGPELVVEPGTTVTLRCVGNNGSVEWDGPISPHWNLDLDPSSILTTNNATF
QNTGTYYHCTEPGNPQGGNATIHLYVKDPAWPVKVLAQEVTVLEGQDALLPCLLTDP
ALEAGVSLVRVRGRPVLRQTNYSFSPWHGFTIHKAKFIENHVYQCSARVDGRTVTS
MGIWLKVQKDISGPATLTLEPAELVRIQGEAAQIVCSASNIDVNFVSLRHGDTKLT
SQQSDFHDNRYQKVLTLNLDHVSFQDAGNYSCTATNAWGNHSASMVFRVVEAY
LNLTSEQSLLQEVTVGKVDLQVKVEAYPGLESFNWTYLGPFSQYQDKLDFVTIKDT
YRYTSTLSLRLKRSEAGRYSFLARNAGGQNALTFELTLRYPPEVRVTMTLINGS
DTLLCEASGYPPQSVTWVQCRSHTDRCDSEAGLVLEDSEVLSQVPFHEVIVHSLLA
IGTLEHNRTYECRAFNSVGNSSQTFWPISIGAHTQLPDELLFTP

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Cat CSF1R extracellular domain protein (20-514) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. CSF1R, also known as FMS or CSFR or FIM2, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.