

For Research Use Only

Recombinant Human CSF1R/CD115 protein (rFc Tag)



Catalog Number: Eg3590

Basic Information

Species:
Human

Purity:
>90 %, SDS-PAGE

Tag:
rFc Tag

Technical Specifications

Purity:
>90 %, SDS-PAGE

Endotoxin Level:
<0.1 EU/μg protein, LAL method

Source:
HEK293-derived Human CSF1R protein Ile20-Glu512 (Accession# P07333-1) with a rabbit IgG Fc tag at the C-terminus

GeneID:
1436

Accession:
P07333-1

Predicted Molecular Mass:
80.8 kDa

SDS-PAGE:
90-110 kDa, reducing (R) conditions

Formulation:
Lyophilized from 0.22 μm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

Shipping:

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

CSF1R (colony-stimulating factor 1 receptor) belongs to the type III protein tyrosine kinase receptor family. CSF1R is ubiquitously expressed in macrophages, microglia, osteoclasts, and myeloid dendritic cells, but is rarely expressed in hematopoietic stem cells. CSF1R-mediated signaling is crucial for the differentiation and survival of the mononuclear phagocyte system and macrophages in particular.

References

1. Cannarile MA, et al. (2017) J Immunother Cancer. 18;5(1):53.
2. Wen J, et al. (2023) Eur J Med Chem. 5;245(Pt 1):114884.

Synonyms

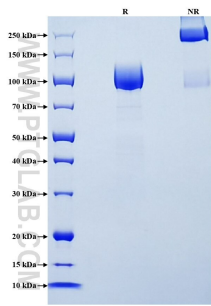
CSF1R, C FMS, CD115, CSF 1 R, CSF-1 receptor

For technical support and original validation data for this product please contact

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Purity of Recombinant Human CSF1R was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.