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Datasheet for ABIN7274784

CSF3R Protein (AA 26-626) (His tag)

2 Images

Overview

Quantity:	100 µg
Target:	CSF3R
Protein Characteristics:	AA 26-626
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CSF3R protein is labelled with His tag.

Product Details

Purpose:	Mouse G-CSF R/CD114 Protein
Sequence:	Cys26-Asp626
Characteristics:	Recombinant Mouse G-CSF R/CD114 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Cys26-Asp626.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	CSF3R
Alternative Name:	G-CSF R (CSF3R Products)

Target Details

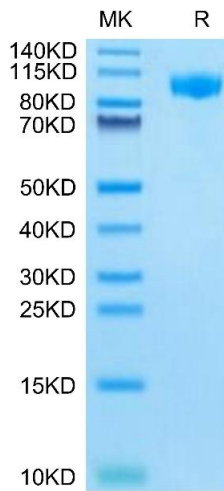
Background:	The Granulocyte Colony-Stimulating Factor (G-CSF) receptor, a member of the hematopoietin cytokine receptor superfamily, functions as a homodimer and requires the recruitment of cytosolic protein tyrosine kinases (PTKs) to transduce its signal.
Molecular Weight:	68.47 kDa. Due to glycosylation, the protein migrates to 90-110 kDa based on Tris-Bis PAGE result.
UniProt:	P40223

Application Details

Restrictions:	For Research Use only
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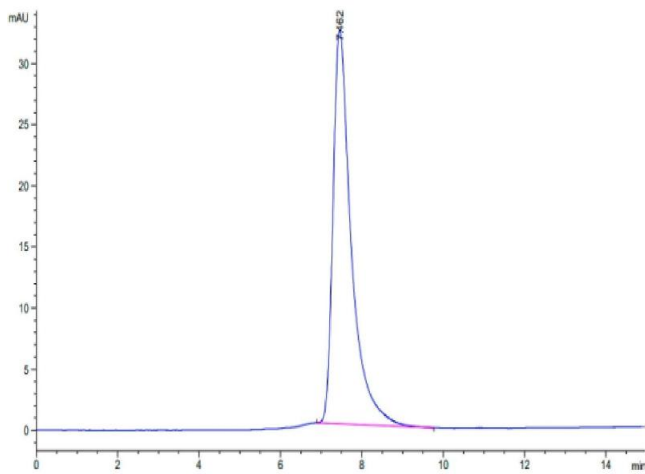
Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. Mouse G-CSF R on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Mouse G-CSF R is greater than 95 % as determined by SEC-HPLC.