

# Recombinant cynomolgus monkey CSF-1-R protein (His tag) ab220565

2 Images

Description

Product name	Recombinant cynomolgus monkey CSF-1-R protein (His tag)	
Biological activity	Immobilized ab220565 at 5 µg/mL (100 µL/well) can bind Biotinylated Human M-CSF, His, Avitag ( <a href="#">ab246167</a> ) with a linear range of 2-16 ng/mL.	
Purity	> 95 % SDS-PAGE.	
Endotoxin level	< 1.000 Eu/µg	
Expression system	HEK 293 cells	
Accession	<a href="#">G7P8P1</a>	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Cynomolgus monkey	
Sequence	IPVIEPSGPELV VKPGETVTLR CVGNGSVEWD GPISPHWTLY SDGPSSVLTT NNATFQNTRT YRCTEPGDPL RGSAAIHLV KDPARPWNVL AKEVVVFEDQ DALLPCLLTD PVLEAGVSLV RLRGRPLLRH TNYFSPWHG FIIHRAKFIQ GQDYQCSALM GGRKVMISIS RLKVQKVIPG PPALTLVPEE LVRIRGEAAQ VCSASNIDV DFDVFLQHNT TKLAIPQRSD FHDNRYQKVL TSLGQVDFQ HAGNYSCVAS NVQGKHSTSM FFRVVESAYL DLSSEQNLIQ EVTVGEGLNL KVMVEAYPGL QGFNWTYLGPFSDHQPEPKL ANATTKDTYR HTFTLSLPRL KPSEAGRYSF LARNPGGWRA LTFELTLRYP PEVSVIWTSI NGSGTLLCAA SGYPQPNVTW LQCAGHTDRC DEAQVLQVWV DPHPEVLSQE PFQKVTVQSL LTTETLEHNQ TYECRAHNSV GSGSWAFIPI SAGARTHPPD EFLFTP	
Predicted molecular weight	57 kDa including tags	
Amino acids	99 to 596	
Tags	His tag C-Terminus	

## Specifications

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Our **Abpromise guarantee** covers the use of **ab220565** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	ELISA
	SDS-PAGE
<b>Form</b>	Lyophilized
<b>Additional notes</b>	This product is stable after storage at:
	-20 °C to -70 °C for 12 months in lyophilized state;
	-70 °C for 3 months under sterile conditions after reconstitution.

## Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Please see notes section.
	pH: 7.40
	Constituents: 95% PBS, 5% Trehalose
	Note: 5-10% trehalose is commonly used for freeze drying, and after reconstitution, the trehalose is mostly about 3-5%.
<b>Reconstitution</b>	This product is an active protein and may elicit a biological response in vivo, handle with caution.
	Reconstitute with sterile deionized water to a concentration of 400 µg/ml.

## General Info

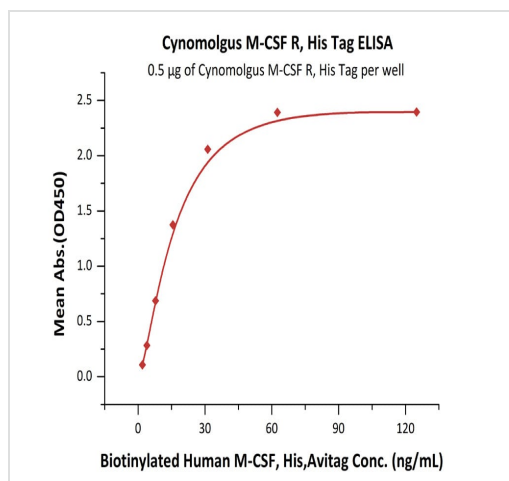
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<b>Function</b>	Protein tyrosine-kinase transmembrane receptor for CSF1 and IL34.
<b>Tissue specificity</b>	Expressed in bone marrow and in differentiated blood mononuclear cells.
<b>Sequence similarities</b>	Belongs to the protein kinase superfamily. Tyr protein kinase family. CSF-1/PDGF receptor subfamily.
	Contains 5 Ig-like C2-type (immunoglobulin-like) domains.
	Contains 1 protein kinase domain.
<b>Cellular localization</b>	Membrane.

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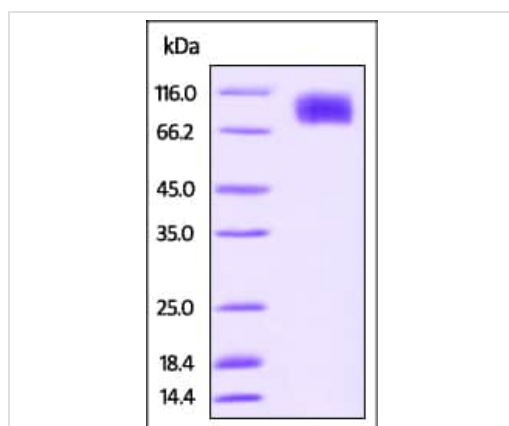
## Images

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Functional Studies - Recombinant Cynomolgus monkey CSF-1-R protein (His tag) (ab220565)

Immobilized ab220565 at 5 µg/mL (100 µL/well) can bind Biotinylated Human M-CSF, His, Avitag (**ab246167**) with a linear range of 2-16 ng/mL.



SDS-PAGE - Recombinant Cynomolgus monkey CSF-1-R protein (His tag) (ab220565)

SDS-PAGE analysis of reduced ab220565 stained overnight with Coomassie Blue.

The protein migrates as 70-100 kDa under reducing conditions (SDS-PAGE) due to glycosylation.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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