

# Recombinant Human CSF3R Protein (25-621), C-His-tagged

## Product Information

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<b>Cat</b>	IMP-8001
<b>Official Symbol</b>	CSF3R
<b>Product Overview</b>	Human CSFR3 (NP_000751.1, 25 a.a.-621 a.a.) partial recombinant protein with His tag at C-terminus was expressed in HEK293 cells.
<b>Description</b>	<p>The protein encoded by this gene is the receptor for colony stimulating factor 3, a cytokine that controls the production, differentiation, and function of granulocytes. The encoded protein, which is a member of the family of cytokine receptors, may also function in some cell surface adhesion or recognition processes. Four transcript variants encoding four different isoforms have been found for this gene, with three of the isoforms being membrane-bound and the other being secreted and soluble. Mutations in this gene are a cause of Kostmann syndrome, also known as severe congenital neutropenia.</p>
<b>Expression System</b>	HEK293
<b>Species</b>	Human
<b>Tag</b>	C-His
<b>Form</b>	Lyophilized from PBS, pH 7.4.
<b>Molecular Mass</b>	90-105 kDa
<b>Protein length</b>	25-621
<b>Endotoxin</b>	< 0.1 EU/μg
<b>Purity</b>	> 95% by SDS-PAGE
<b>Applications</b>	Immunogen; SDS-PAGE
<b>Storage</b>	Store the lyophilized protein at -20 to -80 centigrade for long term. After reconstitution to a concentration of 0.1-0.5 mg/mL in sterile distilled water, the protein solution is stable at -20 centigrade for 3 months, at 2-8 centigrade for up to 1 week. Aliquot to avoid repeated freezing and thawing.

## SDS-PAGE



**SDS-PAGE Stained with Coomassie Blue, CSFR3 (Human) Recombinant Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 90-105 kDa.**

**Bioactivity-ELISA 1**

