

Product datasheet for **TP727862**

GCSF Receptor (CSF3R) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human G-CSFR (C-Fc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Glu25-His627
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS,pH7.4.
Note:	Recombinant Human Granulocyte Colony-stimulating Factor Receptor is produced by our Mammalian expression system and the target gene encoding Glu25-His627 is expressed with a Fc tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	1441
UniProt ID:	Q99062
Summary:	Granulocyte Colony Stimulating Factor Receptor (G-CSFR), also known as CD114, 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. Mutations in the G-CSF receptor leading to carboxy-terminal truncation transduce hyperproliferative growth responses, and are implicated in the pathological progression of severe congenital neutropenia (SCN) to acute myelogenous leukemia (AML). Additionally, autocrine/paracrine stimulation of G-CSFR may be important in the biology of solid tumors, including metastasis.



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