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Datasheet

CSF1R (Human) Recombinant Protein

Catalog Number: P4672

Regulation Status: For research use only (RUO)

Product Description: Human CSF1R (NP_005202.2, 543 a.a. - 972 a.a.) partial recombinant fusion protein with GST-His6 tag at N-terminal with a thrombin cleavage site.

Host: insect

Theoretical MW (kDa): 77.733

Applications: Func, SDS-PAGE
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Preparation Method: Insect cell (Sf9) expression system

Purification: GST affinity chromatography

Concentration: 0.117 ug/uL

Activity: Specific kinase activity (Pi transfer): 50 pmol/ug × min

Storage Buffer: In 50 mM Hepes, 100 mM NaCl, pH 7.5. (5 mM DTT, 15 mM reduced glutathione, 20% glycerol).

Storage Instruction: Store at -80°C.
Aliquot to avoid repeated freezing and thawing

Entrez GeneID: 1436

Gene Symbol: CSF1R

Gene Alias: C-FMS, CD115, CSFR, FIM2, FMS

Gene Summary: The protein encoded by this gene is the receptor for colony stimulating factor 1, a cytokine which controls the production, differentiation, and function of macrophages. This receptor mediates most if not all of the biological effects of this cytokine. Ligand binding activates the receptor kinase through a process of oligomerization and transphosphorylation. The encoded protein is a tyrosine kinase transmembrane receptor and member of the CSF1/PDGF receptor family of tyrosine-protein kinases. Mutations in this gene have been associated with a predisposition to myeloid malignancy. The first intron of this gene contains a transcriptionally inactive ribosomal protein L7 processed pseudogene oriented in the opposite direction. [provided by RefSeq]