Recombinant Mouse CSF1R / MCSF Receptor / CD115 Protein (His & Fc tag)

db57998 **Package : 10μg 50μg 100μg 1mg**

Product Name : Recombinant Mouse CSF1R / MCSF Receptor / CD115 Protein (His & Fc tag)
Cat.No.: db57998
Synonyms : AI323359;CD115;CSF-1R;Csfmr;Fim-2;Fms;M-CSF-R;M-CSFR
Application : Positive Control, Immunogen, SDS-PAGE, WB
Tag : C-His-Fc
Expression host : HEK293 Cells
Species : Mouse

Background	Tyrosine-protein kinase that acts as cell-surface receptor for CSF1 and IL34 and plays an essential role in the regulation of survival, proliferation and differentiation of hematopoietic precursor cells, especially mononuclear phagocytes, such as macrophages and monocytes. Promotes the release of pro-inflammatory chemokines in response to IL34 and CSF1, and thereby plays an important role in innate immunity and in inflammatory processes. Plays an important role in the regulation of osteoclast proliferation and differentiation, the regulation of bone resorption, and is required for normal bone and tooth development. Required for normal male and female fertility, and for normal development of milk ducts and acinar structures in the mammary gland during pregnancy. Promotes reorganization of the actin cytoskeleton, regulates formation of membrane ruffles, cell adhesion and cell migration, and promotes cancer cell invasion. Activates several signaling pathways in response to ligand binding, including the ERK1/2 and the JNK pathway
Gene ID	12978
Swiss Prot	P09581
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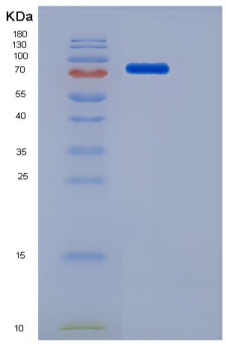
Application	Positive Control, Immunogen, SDS-PAGE, WB
Molecular Weight	83.3 kDa
Species	Mouse
Purity	>95% as determined by SDS-PAGE.
Seq	Met1-Ser511
Tag	C-His-Fc
Formulation	Freeze-dried powder
Storage Stability	Store at 2-8℃ for one month. Aliquot and store at -80℃ for 12 months. Avoid repeated freeze/thaw

cycles.



15% SDS PAGE(reduced) analysis of Recombinant Mouse CSF1R / MCSF Receptor / CD115 Protein (His & Fc tag)