

Recombinant Rat CSF1R / MCSF Receptor / CD115 Protein (Fc tag)

db58557

Package : 10µg 50µg 100µg 1mg

Product Name : Recombinant Rat CSF1R / MCSF Receptor / CD115 Protein (Fc tag)**Cat.No.:** db58557**Synonyms** : CSF1R**Application** : Positive Control, Immunogen, SDS-PAGE, WB**Tag** : C-Fc**Expression host** : HEK293 Cells**Species** : Rat**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

Swiss Prot

Q00495

Synonyms

CSF1R

Application

Positive Control, Immunogen, SDS-PAGE, WB

Molecular Weight

82 kDa

Species

Rat

Purity

>90% as determined by SDS-PAGE.

Seq

Met1-Glu510

Tag

C-Fc

Formulation

Freeze-dried powder

Storage Stability

Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Avoid repeated freeze/thaw cycles.

- 15% SDS PAGE(reduced) analysis of Recombinant Rat CSF1R / MCSF Receptor / CD115 Protein (Fc tag)