

Recombinant Human MERTK / Mer Protein (His & Fc tag)

db58588

Package : 10µg 50µg 100µg 1mg

Product Name : Recombinant Human MERTK / Mer Protein (His & Fc tag)**Cat.No.:** db58588**Synonyms** : c-Eyk;c-mer;MER;RP38;Tyro12**Application** : Positive Control, Immunogen, SDS-PAGE, WB**Tag** : C-His & Fc**Expression host** : HEK293 Cells**Species** : Human**Background**

Receptor tyrosine kinase that transduces signals from the extracellular matrix into the cytoplasm by binding to several ligands including LGALS3, TUB, TULP1 or GAS6. Regulates many physiological processes including cell survival, migration, differentiation, and phagocytosis of apoptotic cells (efferocytosis). Ligand binding at the cell surface induces autophosphorylation of MERTK on its intracellular domain that provides docking sites for downstream signaling molecules. Following activation by ligand, interacts with GRB2 or PLCG2 and induces phosphorylation of MAPK1, MAPK2, FAK/PTK2 or RAC1. MERTK signaling plays a role in various processes such as macrophage clearance of apoptotic cells, platelet aggregation, cytoskeleton reorganization and engulfment

Gene ID

10461

Swiss Prot

Q12866

Synonyms

c-Eyk;c-mer;MER;RP38;Tyro12

Application

Positive Control, Immunogen, SDS-PAGE, WB

Molecular Weight

80 kDa

Species

Human

Purity

>85% as determined by SDS-PAGE.

Seq

Met 1-Ala 499

Tag

C-His & 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.

