



## 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,

macrophage clearance of apoptotic cells, platelet aggregation, cytoskeleton reorganization and

MAPK2, FAK/PTK2 or RAC1. MERTK signaling plays a role in various processes such as

engulfment

**Gene ID** 10461

Swiss Prot Q12866

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**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 ℃ for one month. Aliquot and store at -80 ℃ for 12 months. Avoid repeated freeze/thaw

cycles.







