PRODUCT INFORMATION

Target	MERTK
Synonyms	MER;RP38;c-Eyk;c-mer;Tyro12
Description	Recombinant human MERTK Protein with C-terminal 10×His tag
Delivery	In Stock
Uniprot ID	Q12866
Expression Host	HEK293
Tag	C-10×His Tag
Molecular Characterization	MERTK(Ala21-Ile505) 10×His tag
Molecular Weight	The protein has a predicted molecular mass of 54.0 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	This gene is a member of the MER/AXL/TYRO3 receptor kinase family and encodes a transmembrane protein with two fibronectin type-III domains, two Ig-like C2-type (immunoglobulin-like) domains, and one tyrosine kinase domain. Mutations in this gene have been associated with disruption of the retinal pigment epithelium (RPE) phagocytosis pathway and onset of autosomal recessive retinitis pigmentosa (RP). [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

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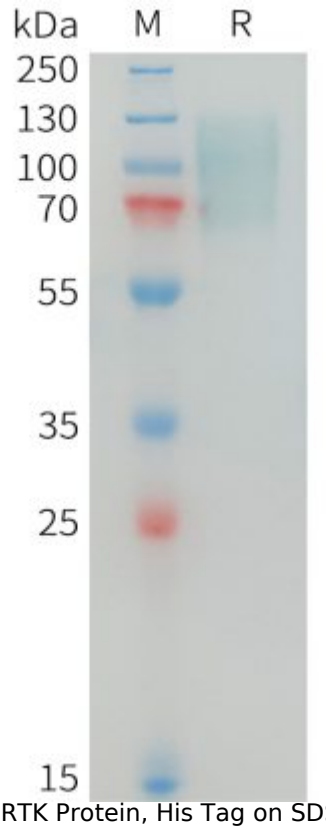


Figure 1. Human MERTK Protein, His Tag on SDS-PAGE under reducing condition.

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