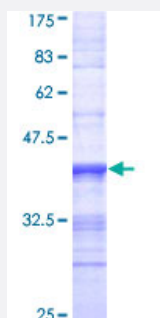


MERTK (Human) Recombinant Protein (Q01)

Catalog # H00010461-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MERTK partial ORF (NP_006334, 21 a.a. - 120 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	AITEAREEAKPYPLFPGPFGSLQTDHTPLLSLPHASGYQPALMFSPQTQPGRPHTGNVAIPQVTSV ESKPLPPLAFKHTVGHILLSEHKGVKFNCSINVP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (55); Rat (56)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MERTK

Entrez GeneID [10461](#)

GeneBank Accession# [NM_006343](#)

Protein Accession# [NP_006334](#)

Gene Name MERTK

Gene Alias MER, MGC133349, RP38, c-mer

Gene Description c-mer proto-oncogene tyrosine kinase

Omim ID [268000](#) [604705](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations MER receptor tyrosine kinase|STK kinase

Disease

- [Carotid Artery Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)

- [Leukopenia](#)
- [Lupus Erythematosus](#)
- [Lymphopenia](#)
- [Retinal Diseases](#)
- [Retinitis Pigmentosa](#)
- [Stroke](#)
- [Tobacco Use Disorder](#)