

Product datasheet for **TP710107**

MERTK (NM_006343) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human c-mer proto-oncogene tyrosine kinase (MERTK), residues 21-505aa, with C-terminal DDK tag, expressed in sf9, 20ug
Species:	Human
Expression Host:	Sf9
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC215289, encoding the region(Met-Ala21-Ile505) of Homo sapiens MERTK
Tag:	C-DDK
Predicted MW:	52.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, 100 mM glycine, pH 8.0, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_006334
Locus ID:	10461
UniProt ID:	Q12866
RefSeq Size:	3632
Cytogenetics:	2q13
RefSeq ORF:	2997
Synonyms:	c-Eyk; c-mer; MER; RP38; Tyro12



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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, Jul 2008]

Protein Families:

Druggable Genome, Protein Kinase, Transmembrane

Product images: