

Product datasheet for TP315289M

MERTK (NM_006343) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human c-mer proto-oncogene tyrosine kinase (MERTK), 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC215289 representing NM_006343
Red=Cloning site Green=Tags(s)

MGPAPLPLLLGLFLPALWRRRAITEAREEAKPYLFPGPFGSLQTDHTPLLSLPHASGYQPALMFSPQTP
 GRPHTGNVAIPQVTSVESKPLPPLAFKHTVGHIILSEHKGVKFNCSISVPNIYQDTTISWWKDGKELLGA
 HHAITQFYPDDEVTAIIASFISVQRSDNGSYICKMKINNEEIVSDPIYIEVQGLPHFTKQPESMNVTR
 NTAFLNLCQAVGPPEPVNIFWVQNSSRVNEQPEKSPSVLTVPLGTEMAVFSCEAHNDKGLTVSKGVQINI
 KAIPSPPEVTSIRNSTAHSILISWVPGFDGYSPFRNCISQVKEADPLSNGSVMIFNTSALPHLYQIKQLQ
 ALANYSIGVSCMNEIGWSAVSPWILASTTEGAPSVAPLNVTVFLNESSDNVDIRWMKPPTKQQDGELVGY
 RISHVWQSAGISKELLEEVGQNGSRARISVQVHNATCTVRIAAVTRGGVGPFSDPVKIFIPAAGWVDYAP
 SSTPAPGNADPVLIIFGCFGFILIGLILYISLAIRKRVQETKFGNAFTEEDSELVNYIAKKSFCRRAI
 ELTLHSLGVSEELQNKLEDVIDRNLILGKILGEGEFGSVMEGNLKQEDGTSLKVAVKTMKLDNSSQRE
 IEEFLSEAACMKDFSHPNVIRLLGVCIESSQGIKPMVILPFMKYGLDHTYLLYSRLETGPKHIPLQTL
 LKFMVDIALGMEYLSNRNFLHRDLAARNCMLRDDMTVCVADFGLSKKIYSGDYRQGRIAKMPVKWIAIE
 SLADRVYTSKSDVWAFGVTMWEIATRGMPYPGVQNHEDYDYLHGHRLKQPEDCLDELYEIMYSCWRD
 PLDRPTFSVLRQLKLESLPDVRNQADVIVNTQLLESSEGLAQGSTLAPLDLNIIDPDSIIASCTPRA
 AISVVTAEVHDSKPHEGRYILNGGSEEWEDLTSAPSAAVTAEKNSVLPGERLVRNGVSWSHSSMLPLGSS
 LPDELLFADDSSEGSEVLM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

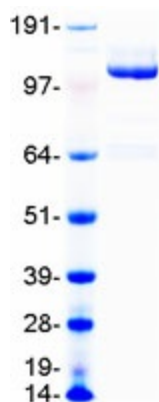
Tag: C-Myc/DDK
Predicted MW: 108 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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
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:



Coomassie blue staining of purified MERTK protein (Cat# [TP315289]). The protein was produced from HEK293T cells transfected with MERTK cDNA clone (Cat# [RC215289]) using MegaTran 2.0 (Cat# [TT210002]).