

Product datasheet for PH315289

MERTK (NM_006343) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MERTK MS Standard C13 and N15-labeled recombinant protein (NP_006334)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215289
Predicted MW:	110.25 kDa
Protein Sequence:	>RC215289 representing NM_006343 Red=Cloning site Green=Tags(s)

MGPAPLPLLLGLFLPALWRRRAITEAREEAKPYPLFPGPFPGSLQDHTPLLSLPHASGYQPALMFSTQP
GRPHTGNVAIPQVTSVESKPLPPLAFKHTVGHILSEHKGVKFNCSISVPNIYQDTTISWWKDGKELLGA
HHAITQFYDPDEVTAAIIASFITSVQRSDNGSYICKMKINNEEIVSDPIYIEVQGLPHFTKQPESMNVTR
NTAFNLTCQAVGPPPEPVNIFWVQNSSRVNEQPEKSPSVLTVPGLTEMAVFSCEAHNDKGLTVSKGVQINI
KAIPSPPTVSVIRNSTAHSILISWVPGFDGYSPPFRNCISQVKEADPLSNGSVMIFNTSALPHLYQIKQLQ
ALANYSIGVSCMNEIGWSAVSPWILASTTEGAPSVAPLNVTVFLNESSDNVDIRWMKPTKQDDELGVY
RISHVWQSAGISKELLEEVGQNGSRARISVQVHNATCTVRIA AAVTRGGVGPFSDPVKIFIPAHGWVDYAP
SSTPAPGNADPVLIIFGCFCGFILIGLILYISLAIRKRVQETKFGNAFTEEDSELVVNYIAKKSFCRRAI
ELTLHSLGVSEELQNKLEVDVDRNLLILGKILGEGEFGSVMENLKQEDGTSKLVAVKTMKLDNSSQRE
IEEFLSEAACMKDFSHPNVIRLLGVCIESSQGIPKPMVILPFMKYGDHLTYLLYSRLETGPKHIPLQTL
LKFMVDIALGMEYL SNRNFLHRDLAARNCLRDDMTVCVADFGLSKKIYSGDYRQGRIAKMPVKWIAIE
SLADRVYTSKSDVWAFGVTMWEIATRGMTPYPGVQNHMYDYLLHGHRLKQPEDCLDELVEIMYSCWRD
PLDRPTFSVLRLEKLLLESLPDVRNQADVIVNTQLLESSEGLAQGSTLAPLDLNDPDSIIASCTPRA
AISVVTAEVHDSKPHEGRYILNGGSEEWEDLTSAPSAAVTAEKNSVLPGERLVRNGVSWSHSSMLPLGSS
LPDELLFADDSSEGSEVLM

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

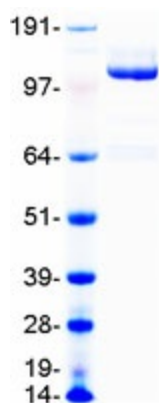
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.



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Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_006334
RefSeq Size:	3632
RefSeq ORF:	2997
Synonyms:	c-Eyk; c-mer; MER; RP38; Tyro12
Locus ID:	10461
UniProt ID:	Q12866
Cytogenetics:	2q13
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]).