

Datasheet for ABIN7534962
MERTK Protein (His tag)



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Overview

Quantity:	100 µg
Target:	MERTK
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This MERTK protein is labelled with His tag.

Product Details

Purpose:	Active Recombinant Human MERTK Protein
Sequence:	REEAKPYPLF PGPFPGLT DHTPLLSLPH ASGYQPALMF SPTQPGRPHT GNVAIPQVTS VESKPLPPLA FKHTVGHIL SEHKGVKFNC SISVPNIYQD TTISWWKDGK ELLGAHHAIT QFYPDDEVTA IASFSITSV QRSDNGSYIC KMKINNEEIV SDPIYIEVQG LPHFTKQPES MNVTRNTAFN LTCQAVGPPE PVNIFWVQNS SRVNEQPEKS PSVLTVPGLT EMAVFSCEAH NDKGLTVSKG VQINIKAIPT PPTEVSIRNS TAHSILISWV PGFDGYSPFR NCSIQVKEAD PLSNGSVMIF NTSALPHLYQ IKQLQALANY SIGVSCMNEI GWSAVSPWIL ASTTEGAPSV APLNVTVFLN ESSDNVDIRW MKPPTKQQDG ELVGYRISHV WQSAGISKEL LEEVGQNGSR ARISVQVHNA TCTVRIAAVT RGGVGPFSDF VKIFIPAHGW VDYAPSSTPA PGNA
Specificity:	Arg26-Ala499
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered

Product Details

Endotoxin Level:	< 0.1 EU/μg of the protein by LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized Human MERTK at 1 μg/mL (100 μL/well) can bind MERTK Rabbit mAb with a linear range of 0.2-1.2 ng/mL.

Target Details

Target:	MERTK
Alternative Name:	MERTK (MERTK Products)
Background:	MER, RP38, Tyro12, c-Eyk, c-mer, MERTK, RP38, Tyro12, c-Eyk, c-mer
Gene ID:	10461
UniProt:	Q12866
Pathways:	RTK Signaling

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.
Storage:	-20 °C, -80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.