

Recombinant Human MERTK protein, mFc-tagged

Cat. No. MERTK-3533H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MERTK protein(Q12866-1)(Ala21-Ile505), fused with C-terminal mFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala21-Ile505
Tag	C-mFc
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 78.9 kDa. Due to glycosylation, the protein migrates to 115-140 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100

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µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

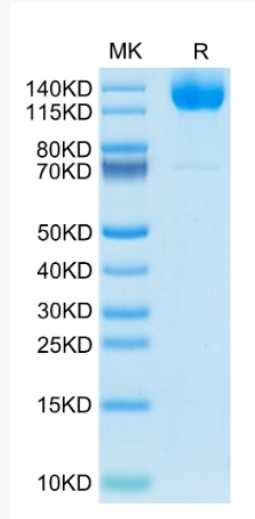
Gene Name	MERTK c-mer proto-oncogene tyrosine kinase [Homo sapiens]
Official Symbol	MERTK
Synonyms	MERTK; c-mer proto-oncogene tyrosine kinase; tyrosine-protein kinase Mer; mer; RP38; STK kinase; proto-oncogene c-Mer; MER receptor tyrosine kinase; receptor tyrosine kinase MerTK; MER; c-mer; MGC133349;
Gene ID	10461
mRNA Refseq	NM_006343
Protein Refseq	NP_006334
MIM	604705
UniProt ID	Q12866

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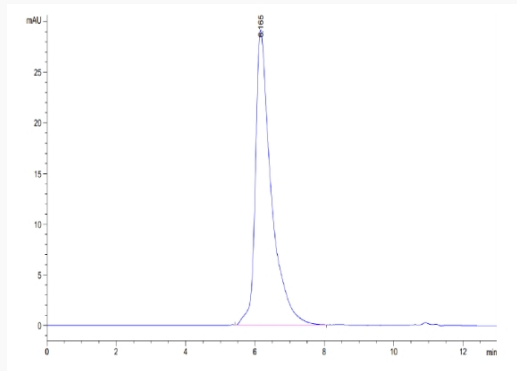
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Tris-Bis PAGE



SEC-HPLC



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