

Active Recombinant Human TEK protein, His-tagged

Cat. No. TEK-4485H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human TEK protein(AAA61139.1)(Ala23-Leu748) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	23-748 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Bio-activity	Human TIE2, His Tag immobilized on CM5 Chip can bind Human ANGPT2, His Tag with an affinity constant of 2.38 µM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 82.09 kDa. Due to glycosylation, the protein migrates to 90-110 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [TEK TEK tyrosine kinase, endothelial \[Homo sapiens \]](#)

Official Symbol [TEK](#)

Synonyms TEK; TEK tyrosine kinase, endothelial; venous malformations, multiple cutaneous and mucosal , VMCM; angiopoietin-1 receptor; CD202b; TIE 2; TIE2; VMCM1; hTIE2; p140 TEK; soluble TIE2 variant 1; soluble TIE2 variant 2; endothelial tyrosine kinase; tyrosine-protein kinase receptor TEK; tunica interna endothelial cell kinase; tyrosine-protein kinase receptor TIE-2; tyrosine kinase with Ig and EGF homology domains-2; VMCM; TIE-2; CD202B;

Gene ID [7010](#)

mRNA Refseq [NM_000459](#)

Protein Refseq [NP_000450](#)

MIM [600221](#)

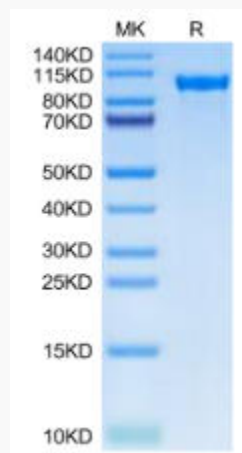
UniProt ID [Q02763](#)

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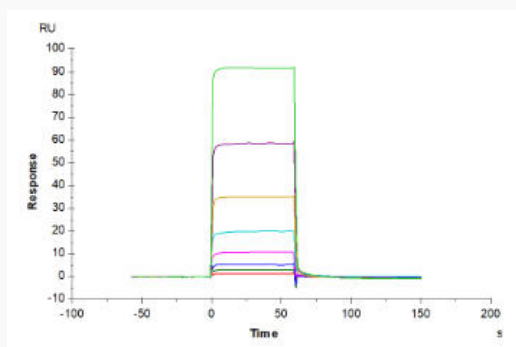
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Bis-Tris PAGE



SPR Data



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