

Recombinant Human TEK protein, His-tagged, Biotinylated

Cat. No. TEK-425H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human TEK protein(AAA61139.1)(Met1-Lys745), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Lys745
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human Tie2 consists of 734 amino acids and predicts a molecular mass of 82 kDa. As a result of glycosylation, the apparent molecular mass of human Tie2 is approximately 99.9 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
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Conjugation	Biotin
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GENE INFORMATION

Gene Name	TEK TEK tyrosine kinase, endothelial [Homo sapiens]
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Official Symbol	TEK
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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;
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Gene ID	7010
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mRNA Refseq	NM_000459
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Protein Refseq	NP_000450
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MIM	600221
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UniProt ID	Q02763
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