

Recombinant Human TEK Protein, DDK/His-tagged

Cat. No. TEK-585H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TEK(Ala23– Leu748) fused with DDK/His tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
ProteinLength	23-748 a.a.
Description	<p>This gene encodes a receptor that belongs to the protein tyrosine kinase Tie2 family. The encoded protein possesses a unique extracellular region that contains two immunoglobulin-like domains, three epidermal growth factor (EGF)-like domains and three fibronectin type III repeats. The ligand angiopoietin-1 binds to this receptor and mediates a signaling pathway that functions in embryonic vascular development. Mutations in this gene are associated with inherited venous malformations of the skin and mucous membranes. Alternative splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known.</p>
Form	1 x PBS, pH7.4, 10% glycerol.
Molecular Mass	84 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Concentration >50 ug/mL as determined by microplate BCA method

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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