

Active Recombinant Human TEK protein, Fc-tagged

Cat. No. TEK-2123H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TEK protein(NP_000450.2(Q346P))(Ala 23 - Leu 748), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala 23 - Leu 748
Form	PBS, pH7.4
Bio-activity	Immobilized Biotinylated Human Angiopoietin-2, His,Avitag at 1 µg/mL (100 µL/well) on streptavidin precoated (0.5 µg/well) plate can bind Human TIE2, Fc Tag with a linear range of 0.6-10 ng/mL
Molecular Mass	107.6 kDa
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

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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