

Recombinant Human TEK, Fc-His tagged

Cat. No. TEK-153H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TEK precursor extracellular domain (Met 1-Lys 745) (NP_000450.2), fused with the polyhistidine-tagged Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
Species	Human
Source	Human Cells
ProteinLength	1-745 a.a.
Form	Lyophilized from sterile 100mM Glycine, 10mM NaCl, 50mM Tris, pH 7.5
Molecular Mass	The recombinant human Tie2/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 970 amino acids and predicts a molecular mass of 108.5 kDa. As a result of glycosylation, the apparent molecular mass of rhTie2/Fc monomer is approximately 125-135 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution.

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Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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

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