

Recombinant Human Tyrosine Kinase With Immunoglobulin-Like And EGF-Like Domains 1, Fc-tagged

Cat. No. TIE1-1913H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant humansoluble TIE1 was fused with the Fc part of human IgG1.
Species	Human
Source	Insect Cells
Description	TIE1 and TIE2 comprise a receptor tyrosine kinase subfamily with unique structural characteristics: two immunoglobulin-like domains flanking three epidermal growth factor-like domains and followed by three fibronectin type III-like repeats in the extracellular region and a split tyrosine kinase domain in the cytoplasmic region.
Form	Lyophilized
Purity	> 90% by SDS-PAGE and visualized by silver stain.
Molecular Weight	250 kDa
Subunit	Glycosylated dimer
Endotoxin Level	< 0.1 ng per µg of sTIE-1/Fc.
Biological Activity	Since a ligand for TIE1 has not yet been identified, the recombinant protein was not tested for biological activity.

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Storage	Samples are stable for 2-4 weeks at +4°C. sTIE-1/Fc should be stored in working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.
Official Symbol	TIE1
GENE INFORMATION	
Gene Name	TIE1 tyrosine kinase with immunoglobulin-like and EGF-like domains 1 [Homo sapiens]
Synonyms	TIE1; tyrosine kinase with immunoglobulin-like and EGF-like domains 1; TIE; JTK14; tyrosine-protein kinase receptor Tie-1; OTTHUMP00000008352; soluble TIE1 variant 1; soluble TIE1 variant 2; soluble TIE1 variant 3; soluble TIE1 variant 4; soluble TIE1 variant 5; receptor tyrosine kinase; tyrosine kinase with immunoglobulin and epidermal growth factor homology domains 1; EC 2.7.10.1; Tyrosine-protein kinase receptor Tie-1
Gene ID	7075
mRNA Refseq	NM_005424
Protein Refseq	NP_005415
MIM	600222
UniProt ID	P35590
Chromosome Location	1p34-p33
Function	ATP binding; nucleotide binding; protein binding; protein tyrosine kinase

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activity;receptor activity; transmembrane receptor protein tyrosine kinase activity

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