

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.

 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

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

 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

activity;receptor activity; transmembrane receptor protein tyrosine kinase activity

 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