Recombinant Human TIE1

Cat. No. TIE1-30626TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fusion protein (Human).Recombinant human soluble TIE 1 was fused with the Fc part of human IgG1. The soluble receptor protein consists of the full extracellular domain (Met1-Glu749).The recombinant mature TIE-1/Fc is a disulfide-linked homodim
Species	Human
ProteinLength	1-749 a.a.
Description	Tyrosine kinase with immunoglobulin-like and EGF-like domains 1 also known as TIE1 is an angiopoietin receptor which in humans is encoded by the TIE1 gene.
Tissue specificity	Specifically expressed in developing vascular endothelial cells.
Form	Lyophilised:The protein can be reconstituted in ddH2O or PBS to a concentration of 100μg/ml.
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: PBS
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequence	Belongs to the protein kinase superfamily. Tyr protein kinase family. Tie

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Similarities	subfamily.Contains 3 EGF-like domains.Contains 3 fibronectin type-III domains.Contains 2 Ig-like C2-type (immunoglobulin-like) domains.Contains 1 protein kinase domain.

GENE INFORMATION

Gene Name	TIE1 tyrosine kinase with immunoglobulin-like and EGF-like domains 1 [Homo sapiens]
Official Symbol	TIE1
Synonyms	TIE1; tyrosine kinase with immunoglobulin-like and EGF-like domains 1; TIE, tyrosine kinase with immunoglobulin and epidermal growth factor homology domains 1; tyrosine-protein kinase receptor Tie-1; JTK14;
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 activity; receptor activity;

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