

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 homodimer.
Species	Human
Protein Length	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 ddH ₂ O or PBS to a concentration of 100 µg/ml.
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 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

 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

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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