



11 Park Drive, Suite 12  
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## Human soluble Tie1 recombinant protein

### ORDERING INFORMATION

Catalog No: rAP-0271

Size: 2 µg; 10µg

Storage: <- 20° C

### Synonyms:

Tyrosine kinase with immunoglobulin-like and EGF-like domains 1, JTK14, TIE, TIE1.

### Description:

Soluble TIE-1 Human Recombinant fused with the Fc part of human IgG<sub>1</sub> produced in baculovirus is a monomeric, glycosylated, polypeptide containing 749 amino acids and having a total molecular mass of 250 kDa. Human TIE-1/Fc monomer has a calculated molecular mass of approximately 105 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 125 kDa protein in SDS-PAGE under reducing conditions.

The TIE1 Fc Chimera is purified by proprietary chromatographic techniques.

### Source:

*Insect Cells*

### Physical Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

### Formulation:

TIE-1 Fc Chimera was lyophilized from a concentrated (1 mg/ml) sterile solution containing 1x PBS.

### Solubility:

It is recommended to reconstitute the lyophilized TIE-1 Fc Chimera in sterile water not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

### Stability:

Lyophilized sTIE-1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution TIE-1 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

**Please prevent freeze-thaw cycles.**

### Purity:

Greater than 90.0% as determined by:

(A) Analysis by RP-HPLC.

(B) Analysis by SDS-PAGE.

**Usage:** Angio-Proteomie's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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