

# NEUROMICS



## Recombinant Human TIE-1 Fc, Chimera Datasheet

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**Catalog Number:** PR27153

**Product Type:** Recombinant Protein

**Source:** *Insect Cells*

**Description/Molecular Mass:** Soluble TIE-1 Human Recombinant fused with the Fc part of human IgG1 produced in baculovirus is a homodimeric, 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.

**Purity:** Greater than 90.0% as determined by:  
(a) Analysis by RP-HPLC.  
(b) Analysis by SDS-PAGE.

**Format:** TIE-1 Fc Chimera was lyophilized from a concentrated (1 mg/ml) sterile solution containing 20mM Tris, 0.5M NaCl, 10% Sucrose.

**Reconstitution:** 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.

**Storage:** 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.**

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