

# NEUROMICS



## Recombinant Human TIE-2 Fc, Chimera Datasheet

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**Catalog Number:** PR27152

**Product Type:** Recombinant Protein

**Source:** *Insect Cells*

**Description/Molecular Mass:** Soluble TIE-2 Human Recombinant fused with the Fc part of human IgG1 produced in baculovirus is a monomeric, glycosylated, polypeptide containing 730 amino acids and having a total molecular mass of 250 kDa. Human TIE-2/Fc monomer has a calculated molecular mass of approximately 125 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 140 kDa protein in SDS-PAGE under reducing conditions. The TIE2 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.

**Biological Activity:** Measured in a functional ELISA assay. When TIE-2/Fc is immobilized at 4 µg/mL (100 µl/well), it binds rh Angiotensin-2 with a linear range of 2 -100 ng/ml.

**Format:** TIE-2 Fc Chimera was lyophilized from a concentrated (1 mg/ml) sterile solution containing PBS

**Reconstitution:** It is recommended to reconstitute the lyophilized TIE-2 Fc Chimera in sterile water not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Storage:** Lyophilized sTIE-2 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution TIE-2 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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