Human TIE1 Fc Recombinant Protein

RPPB2665

Product Information

Product SKU:
RPPB2665

Accession:
P35590

Host:
Insect Cells.

Protein Information

Protein description:
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.

Appearance:
Sterile Filtered White lyophilized (freeze-dried) powder.

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

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

Purity:
Greater than 90.0% as determined by:(A) Analysis by RP-HPLC.(B) Analysis by SDS-PAGE.

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.