Human TEK Fc Recombinant Protein

RPPB2660

Product Information

Product SKU:
RPPB2660

Accession:
Q02763

Host:
Insect Cells.

Protein Information

Protein description:
Soluble TEK 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 TEK Fc Chimera is purified by proprietary chromatographic techniques.

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

Synonyms:
Angiopoietin-1 receptor precursor, Tyrosine-protein kinase receptor TIE-2, hTIE2, Tyrosine-protein kinase receptor TEK, p140 TEK, Tunica interna endothelial cell kinase, CD202b, VMCM, VMCM1, TIE2.

Formulation:
TEK Fc Chimera was lyophilized from a concentrated (1mg/ml) sterile solution containing 1xPBS.

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-2 Fc Chimera in sterile water not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

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

