

RPPB2658

## Product Information Protein Information

**Product SKU:**

RPPB2658

**Accession:**

Q02763

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

TEK produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 965 amino acids (23-748 a.a.) and having a molecular mass of 107.9kDa. (Molecular size on SDS-PAGE will appear at approximately 100-150 kDa). TEK is expressed with a 239 amino acid hIgG-His-tag at C-Terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

TEK Receptor Tyrosine Kinase, Tyrosine Kinase With Ig And EGF Homology Domains-2, Tunica Interna Endothelial Cell Kinase, Tyrosine-Protein Kinase Receptor TIE-2, Tyrosine-Protein Kinase Receptor TEK, TEK Tyrosine Kinase, Endothelial, Endothelial Tyrosine Kinase, EC 2.7.10.1, VMCM1, VMCM, TIE2, Venous Malformations, Multiple Cutaneous And Mucosal, Angiopoietin-1 Receptor, CD202b Antigen, EC 2.7.10, P140 TEK, CD202B, GLC3E, TIE-2, HTIE2.

**Formulation:**

TEK protein solution (0.5mg/ml) contains 10% glycerol & Phosphate Buffered Saline (pH 7.4).

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

AMDILILNSL PLVSDAETSL TCIASGWRPH EPITIGRDFE ALMNQHQDPL EVTQDVTREW AKKVWWKREK  
ASKINGAYFC EGRVRGEAIR IRTMKMRQQA SFLPATLMT VDKGDNVNIS FKKVLIKEED AVIYKNGSFI HSVPRHEVPD  
ILEVHLPAAQ PQDAGVYSAR YIGGNLFTSA FTRLIVRRCE AQKWGPECNH LCTACMNINGV CHEDTGEIC  
PPFGMGRTE KACELHTFGR TCKERCSGQE GCKSYVFLCP DPYGCSCATG WKGLQCNEAC HPGFYGPDCK  
LRCSCNNGEM CDRFQGCLCS PGWQGLQ CER EGIPRMTPKI VDLDPHIEVN SGKFNPIKA  
SGWPLPTNEE MTLVKPDGTV LHPKDFNHTD HFSVAIFTIH RILPPDSGVW VCSVNTVAGM VEKPFNISVK  
VLPKPLNAPN VIDTGHNAFV INISSEPYFG DGPIKSKLL YKPVNHYEAW QHIQVTNEIV TLNYLEPRTE YELCVQLVRR  
GEGGEGHPGP VRRFTTASIG LPPRGLNLL PKSQTTLNLT WQPIFPSSD DFYVEVERRS VQKSDQQNIK VPGNLTSLVLL  
NNLHPREQYV VRARVNTKAQ GEWSEDLTAW TLDILPPQP ENIKISNITH SSAVISWITL DGYSISSITI RYKVQGKNE  
QHVDVKIKNA TITQYQLKGL EPETAYQVDI FAENNIGSSN PAFSHELVTL PESQAPADLG GGKMLLLEPK SCDKTHCPP  
CPAPELGGP SVFLFPPKPK DTLMISRTPE VTCVVVDVSH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS  
TYRVSVLTV LHQDWLNGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV YTLPPSRDEL TKNQVSLTCL VKGFYPSDIA  
VEWESNGQPE NNYKTTTPVL DSDGSFFLYS KLTVDKSRWQ QGNVFCSSVM HEALTHNYHTQ KSLSLSPGKH HHHHHH.