

RPPB2659

Product Information Protein Information

Product SKU:

RPPB2659

Accession:

Q02858

Host:

Sf9, Baculovirus cells.

Protein description:

TEK produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 730 amino acids (23-746 a.a.) and having a molecular mass of 81.6kDa (Migrates at 70-100kDa on SDS-PAGE under reducing conditions). TEK is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Angiopoietin-1 receptor, Endothelial tyrosine kinase, HYK, STK1, Tunica interna endothelial cell kinase, Tyrosine kinase with Ig and EGF homology domains-2, Tyrosine-protein kinase receptor TEK, Tyrosine-protein kinase receptor TIE-2, mTIE2, p140 TEK, CD202b.

Formulation:

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

Purity:

Greater than 95.0% 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:

AMDILILINSL PLVSDAETSL TCIASGWHPH EPITIGRDFE ALMNQHQDPL EVTQDVTREW AKKVVWKREK
ASKINGAYFC EGRVRGQAIR IRTMKMRQQA SFLPATLTMT VDRGDNVNIS FKKVLIKEED AVIYKNGSFI
HSVPRHEVPD ILEVHLP HQ P QDAGVYSAR YIGGNLFTSA FTRLIVRCE AQKWGPDCSR PCTTCKNNGV
CHEDTGECIC PPGFMGRTCE KACEPHTFGR TCKERCSGPE GCKSYVFLCP DPYGCSCATG WRGLQCNEAC
PSGYGPDCK LRCHCTNEEI CDRFQGCLCS QGWQGLQCEK EGRPRMTPQI EDLPDHIEVN SGKFPNICKA
SGWPLPTSEE MTLVKPDGTV LQPNDFN YTD RFSVAIFTVN RVLPPDSGVW VCSVNTVAGM VEKPFNISVK
VLPEPLHAPN VIDTGHNFAI INISSEPYFG DGPIKSKKLF YKPVNQAWKY IEVTNEIFTL NYLEPRTDYE
LCVQLARPGE GGEGHPGPVR RFTTASIGLP PPRGLSLLPK SQTALNLTWQ PIFTNSEDEF YVEVERRSLQ
TTSDQQNIKV PGNLTSVLLS NLVPREQYTV RARVNTKAQG EWSEELRAWT LSDILPPQPE NIKISNITDS
TAMVSWTIVD GYSSIIIR YKVQGNEDQ HIDVKIKNAT VTQYQLKGLE PETTYHVDIF AENNIGSSNP
AFSHELRTLP HSPASADLGG GKMLHHHHHH.