

Datasheet for ABIN7281034
TEK Protein (AA 23-746) (His tag)



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Overview

Quantity:	100 µg
Target:	TEK
Protein Characteristics:	AA 23-746
Origin:	Mouse
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TEK protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	AMDILILINSL PLVSDAETSL TCIASGWHPH EPITIGRDFE ALMNQHQDPL EVTQDVTREW AKKVVWKREK ASKINGAYFC EGRVRGQAIR IRTMKMRQA SFLPATLTMT VDRGDNVNIS FKKVLKEED AVIYKNGSFI HSVPRHEVPD ILEVHLPFAQ PQDAGVYSAR YIGGNLFTSA FTRLIVRRC E AQKWGPDCSR PCTTCKNNGV CHEDTGECIC PPGFMGRTCE KACEPHTFGR TCKERCSGPE GCKSYVFCLP DPYGCSCATG WRGLQCNEAC PSGYYGPDCK LRCHCTNEEI CDRFQGCLCS QGWQGLQCEK EGRPRMTPQI EDLPDHIEVN SGKFN PICKA 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 GYSISSIIIR YKVQGKNEDQ HIDVKIKNAT VTQYQLKGLE PETTYHVDIF AENNIGSSNP AFSHELRTLP HSPASADLGG
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Product Details

GKMLHHHHHH

Purity: > 95 % by SDS - PAGE

Endotoxin Level: < 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target: TEK

Alternative Name: Angiotensin-1 receptor ([TEK Products](#))

Background: TEK, also known as angiotensin-1 receptor isoform 2, is cell-surface receptor for ANGPT1, ANGPT2 and ANGPT4. It regulates angiogenesis, endothelial cell survival, proliferation, migration, adhesion and cell spreading, reorganization of the actin cytoskeleton. This protein effects by preventing the leakage of proinflammatory plasma proteins and leukocytes from blood vessels. Recombinant mouse TEK, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 81.6kDa (730aa) 70-100kDa (SDS-PAGE under reducing conditions.)

NCBI Accession: [NP_001277478](#)

UniProt: [Q02858](#)

Pathways: [RTK Signaling, Growth Factor Binding](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.