

Datasheet for ABIN7596456

TIE1 Protein (AA 22-759) (hlgG-His-tag)



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Overview

Quantity:	500 µg
Target:	TIE1
Protein Characteristics:	AA 22-759
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TIE1 protein is labelled with hlgG-His-tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	AVDLTLLANL RLTDPRFFL TCVSGEAGAG RGSDAWGPPL LLEKDDRIVR TPPGPPLRLA RNGSHQVTLR GFSKPSDLVG VFSCVGGAGA RRTRVIYVHN SPGAHLLPKD VHTTVNKGDT AVLSARVHKE KQTDVIWKS NGSYFYTLTDWH EAQDGRFLLQ LPNVQPPSSG IYSATYLEAS PLGSAFFRLI VRGCGAGRWG PGCTKECPGC LHGGVCHDHD GECVCPPGFT GTRCEQACRE GRFGQSCQEQ CPGISGCRGL TFCLPDYPYC SCGSGWRGSQ CQEACAPGHF GADCRLQCQC QNGGTCDRFS GCVCPSGWHG VHCEKSDRIP QILNMASELE FNLETMPRIN CAAAGNPFVP RGSIELRKPD GTVLLSTKAI VEPEKTAEF EVPRLVLADS GFWECRVSTS GGQDSRRFKV NVKVPPVPLA APRLLTKQR QLVVSPVLSF SGDGPSTVR LHYRPQDSTM DWSTIVVDPS ENVTLMLNLRP KTGYSVRVQL SRPGEKGEGA WGPPTLMTTD CPELLQPWL EGWHVEGTDR LRVSWSLPLV PGPLVGDGFL LRLWDGTRGQ ERRENVSSPQ ARTALLTGLT PGTHYQLDVQ LYHCTLLGPA SPPAHVLLPP SGPPAPRHLH AQALSDSEIQ LTWKHPEALP GPISKYVVEV QVAGGAGDPL WIDVDRPEET STIIRGLNAS TRYLFMRMRAS IQGLGDWSNT VEESTLGNGL
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Product Details

QAEGPVQESR AAEEGLDQ

Purity: > 90% by SDS-PAGE

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

Target Details

Target: TIE1

Alternative Name: TIE1 ([TIE1 Products](#))

Background: Tie-1, as known as tyrosine kinase with immunoglobulin like and EGF like domains 1, is an angiopoietin receptor. It is expressed primarily on endothelial and hematopoietic progenitor cells and play critical roles in angiogenesis, vasculogenesis and hematopoiesis. However it has also been shown to be expressed in immature hematopoietic cells and platelets. It upregulates the cell adhesion molecules(CAMs) VCAM-1, E-selectin, and ICAM-1 through a p38-dependent mechanism. Also, It has a proinflammatory effect and may play a role in the endothelial inflammatory diseases such as atherosclerosis. Recombinant human Tie-1, fused to hlgG-His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.

Molecular Weight: 106.8kDa (977aa)

NCBI Accession: [NP_005415](#)

Pathways: [RTK Signaling](#)

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

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.