

Datasheet for ABIN6387366

Endoglin Protein (ENG) (AA 26-586) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	Endoglin (ENG)
Protein Characteristics:	AA 26-586
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Endoglin protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ETVH CDLPVGPER DEVTYTTSQV SKGCVAQAPN AILEVHVLFL EFPTGPSQLE LTLQASKQNG TWPREVLLVL SVNSSVFLHL QALGIPLHLA YNSSLVTFQE PPGVNTTELP SFPKTQILEW AAERGPITSA AELNDPQSIL LRLGQAQGS LSCMLEASQD MGR TLEWRPR TPALVRGCHL EGVAGHKEAH ILRVLP GHS A GPRTVTVKVE LSCAPGDLDA VLILQGPPYV SWLIDANHNH QIWT TGEYSF KIFPEKNIRG FKLPDTPQGL LGEARMLNAS IVASFVELPL ASIVSLHASS CGGRLQTSPA PIQTTPPKDT CSPPELLMSLI QTKCADDAMT LVLKKELVAH LKCTITGLTF WDPSCEAEDR GDKFVLR SAY SSCGMQVSAS MISNEAVVNI LSSSSPQRKK VHCLNMDSL FQLGLYLSPH FLQASNTIEP GQQSFVQVRV SPSVSEFLLQ LDSCHLDLGP EGGTVELIQG RAAKGNCVSL LSPSPEG DPR FSFLLHFYTV PIPKTGTLSC TVALRPKTGS QDQEVHRTVF MRLNIISPDL SGCTSKG
Purity:	> 85% by SDS-PAGE

Target Details

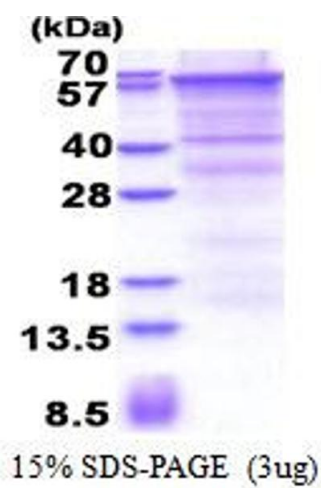
Target:	Endoglin (ENG)
Alternative Name:	Endoglin/CD105 (ENG Products)
Background:	ENG is a homodimeric transmembrane protein which is a major glycoprotein of the vascular endothelium. This protein is a component of the transforming growth factor beta receptor complex and it binds to the beta1 and beta3 peptides with high affinity. Mutations in this gene cause hereditary hemorrhagic telangiectasia, also known as Osler-Rendu-Weber syndrome 1, an autosomal dominant multisystemic vascular dysplasia. This gene may also be involved in preeclampsia and several types of cancer. Recombinant human ENG protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Molecular Weight:	64.9 kDa (594aa)
UniProt:	P17813

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10 % glycerol, 1 mM DTT
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.



SDS-PAGE
Image 1.