

Product datasheet for **AR51345PU-N**

CD105 / Endoglin (26-586, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	CD105 / Endoglin (26-586, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSEVH CDLQPVGPER DEVTYTTSQV SKGCVAQAPN AILEVHVLFL EFPTGPSQLE LTLQASKQNG TWPREVLLVL VNSSVFLHL QALGIPLHLA YNSSLVTFQE PPGVNTTELP SFPKTQILEW AAERGPITSA AELNDPQSIL LRLGQAQGS L SFCMLEASQD MGRTLEWRPR TPALVRGCHL EGVAGHKEAH ILRVLPGHSA GPRTVTVKVE LSCAPGDLDA VLILQGPPYV SWLIDANHNM QIWTTGEYSF KIFPEKNIRG FKLPDTPQGL LGEARMLNAS IVASFVELPL ASIVSLHASS CGGRLQTPA PIQTTPPKDT CSPPELLMSLI QTKCADDAMT LVLKKELVAH LKCTITGLTF WDPSCAEDR GDKFVLSAY SSCGMQVSAS MISNEAVNI LSSSPQRKK VHCLNMDLSL FQLGLYLSPH FLQASNTIEP GQQSFVQVRV SPSVSEFLLQ LDSCHLDLGP EGGTVELIQG RAAKGNCVSL LSPSPEGDPR FSLLHFYTV PIPKTGTLSC TVALRPKTGS QDQEVHRTVF MRLNIISPDL SGCTSKG
Tag:	His-tag
Predicted MW:	64.9 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ENG protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_000109



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Locus ID:	2022
UniProt ID:	P17813 , Q5T9B9
Cytogenetics:	9q34.11
Synonyms:	END; HHT1; ORW1
Summary:	This gene encodes 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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2013]
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

Product images:

