

Recombinant Human ENG Protein (26-586), His-tagged

Product Information

Cat	IMP-6686
Official Symbol	Eng
Product Overview	Recombinant human CD105/Endoglin (26-586) protein with a His tag was expressed in <i>E. coli</i> .
Description	<i>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]</i>
Expression System	<i>E. coli</i>
Species	Human
Tag	His
Form	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	64.9 kDa
Protein length	26-586
AA Sequence	MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSETVHCDLQPV GPERDEVITYTTSQVSKGCVAQAPNAILEVHVLFLFPTGPSQLELTLQAS KQNGTWPREVLLVLSVNSSVFLHLQALGIPLHLAYNSSLVTFQEPGVNT TELPSFPKTQILEWAAERGPITSAEELNDPQSILLRLGQAQGSLSFCMLEA SQDMGRTLEWRPRTPALVRGCHLEGVAGHKEAHILRVLPGHSAGPRTVT VKVELSCAPGDLDAVLILQGPPYVSWLIDANHNMQIWTTGEYSFKIFPEKN IRGFKLPDTPQGLLGEARMLNASIVASFVELPLASIVSLHASSCGGRLQTS PAPIQTTPPKDTCPELLMSLIQTKCADDAMTLVLKKELVAHLKCTITGLTF WDPSCEAEDRGDKFVLRSAISSCGMQVSASMISNEAVVNILSSSSPQRK KVHCLNMDLSFQLGLYLSPHFLQASNTIEPGQQSFVQVRVSPSVSEFLL QLDSCHLDLGPEGGTVELIQGRAAKGNCVLLSPSPEGDPRFSFLLHFYT VPIPKTGTLSCTVALRPKTGSQDQEVHRTVFMRLNIISPDLGCTSKG
Purity	> 85% by SDS-PAGE.
Storage	Store undiluted at 2-8 centigrade for one week or (in aliquots) at -20 to -80 centigrade for longer. Avoid repeated freezing and thawing. Shelf life: one

year from despatch.

lot specific

Concentration

SDS-PAGE

