

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

ENG, 26-586aa, Human, His tag, E.coli

产品货号: TP02015

第三版

别名:Endoglin, END, ORW, HHT1, ORW1, CD105, FLJ41744

**描述:**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.

**配方:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

**分子量:**64.9 kDa (594aa)

**序列:**

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSETVHCDLQPVGPERDEVYTTTSQVSKGCVAQAPNAILE  
VHVLFFLEFPTGPSQLELTQASKQNGTWPREVLLVLSVNSSVFLHLQALGIPLHLAYNSSLVTFQEPGVTTELPSFPKTQIL  
EWAAERGPITSAEELNDPQSILLRLGQAQGSLSFCMLEASQDMGRTLEWRPRTPALVRGCHLEGVAGHKEAHILRVLP  
SAGPRTVTVKVELSCAPGDLDAVLILQGGPPYVSWLIDANHNMQIWTGTEYSFKIFPEKNIRGFKLPDTPQGLLGEARMLNA  
SIVASFVELPLASIVSLHASSCGGRLQTSPAPIQTTTPKDTCSPELLMSLIQTKCADDAMTLVLKELVAHLKCTITGLTFWDP  
SCEAEDRGDKFVLRSAVSSCGMQVSASMISNEAVVNILSSSPQRKVVHCLNMDLSFQLGLYLSPHFLQASNTIEPGQSF  
VQVRVSPSVSEFLLQLDSCHLDLGPEGGTVELIQGRAAKGNCVSLSPSPEGDPRFSFLLHFYTVPIPKTGTLSCTVALRPKT  
GSQDQEVHRTVFMRLNIIISPDLGCTSKG

**纯度:**> 95% by HPLC

**浓度:**0.25 mg/ml (determined by Bradford assay)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:**+4 ° C 保存 (1-2 周). 长期保存在-20 ° C 或者-70 ° C. 避免反复冻融.