

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, 27-581aa, Mouse, His tag, Baculovirus

产品货号: TP02016

第三版

别名: Endoglin, Eng, AI528660, AI662476, CD105, Endo, S-endoglin

**描述:** Eng, also known as endoglin, is a type I homodimeric transmembrane glycoprotein with a large, disulfide-linked, extracellular region and a short, constitutively phosphorylated cytoplasmic tail. It is highly expressed on vascular endothelial cells, chondrocytes, and syncytiotrophoblasts of term placenta. It is also found on activated monocytes, mesenchymal stem cells and leukemic cells of lymphoid and myeloid lineages. Recombinant mouse Eng, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**配方:** Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**分子量:** 60.9kDa (563aa); 50-70kDa (SDS-PAGE under reducing conditions);

**序列:**

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ERVGCDLQPVDPTRGEVTFSTTSQVSEGCVAQAANAVREVHVLFLDFPGMLSHLELTLQASKQNGTETQEVFLVLSNKN  
VFVKFQAPEIPLHLAYDSSLVIFQQQPRVNITVPLSLTSRKQILDWAATKGAITSAALDDPQSIVLQLGQDPKAPFLCLPEAH  
KDMGATLEWQPRAQTPVQSCRLEGVSGHKEAYILRILPGSEAGPRTVTVMMELSCTSGDAILILHGPPYVSWFIDINHSMQ  
ILTTGEYSVKIFPGSKVKGVELPDTPQGLIAEARKLNASIVTSFVELPLVSNVSLRASSCGGVFQTTTPAPVVTTTPKDTCSPL  
LMSLIQPKCGNQVMTLALNKKHVQTLQCTITGLTFWDSQCAEDTDDHLVLSSAYSSCGMKVTAHVVSNEVIISFSPSGSP  
LRKKVQCIDMDSLQGLGLYLSPHFLQASNTIELGQQAFVQVSVSPLTSEVTVQLDSCHLDLGPEDMVELIQSRTAKGSC  
VTLLSPSEGDPRFSFLLRVYMVPTPTAGTLSCNLALRPSTLSQEVYKTVSMRLNIVSPDLGKGLEHHHHHH
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**纯度:** > 95% by HPLC

**浓度:** 0.5mg/ml (determined by Absorbance at 280nm)

**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.