

Active Recombinant Human ENG protein, hFc-tagged

Cat. No. ENG-63H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human ENG protein(Met 1-Gly 586)(NP_001108225.1) precursor was expressed in HEK293 with C-terminal fused human IgG1 Fc region.
Species	Human
Source	HEK293
ProteinLength	1-586 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	1. Measured by its ability to bind biotinylated Human TGFRB1 in a functional ELISA. 2. Measured by its ability to bind biotinylated Human ALK1-Fc in functional Elisa.
Molecular Mass	The recombinant human CD105/Fc chimera is a disulfide-linked homodimeric protein. The reduced monomer consists of 799 amino acids and has a predicted molecular mass of 87.5 kDa. As a result of glycosylation, rhCD105/Fc monomer migrates as an approximately 115-120 kDa protein in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

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thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [ENG endoglin \[Homo sapiens \]](#)

Official Symbol [ENG](#)

Synonyms [ENG](#); [endoglin](#); [ORW](#), [ORW1](#), [Osler Rendu Weber syndrome 1](#); [CD105](#); [END](#); [HHT1](#); [CD105 antigen](#); [ORW](#); [ORW1](#); [FLJ41744](#);

Gene ID [2022](#)

mRNA Refseq [NM_000118](#)

Protein Refseq [NP_000109](#)

MIM [131195](#)

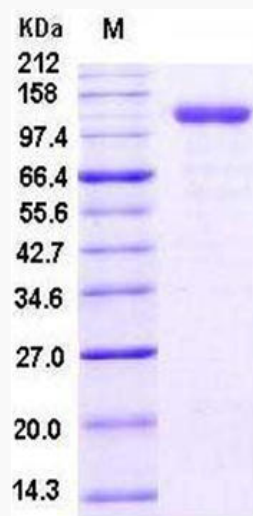
UniProt ID [P17813](#)

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SDS-PAGE



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