

Recombinant Human ENG protein, His-tagged

Cat. No. ENG-3146H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ENG protein(NP_001108225.1) (Met 1-Gly 586) was expressed in HEK293, with C-terminal fused polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	1-586 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human CD105 consists of 572 amino acids after removal of the signal peptide and predicts a molecular mass of 62.3 kDa. As a result of glycosylation, rh CD105 migrates as an approximately 80-90 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-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

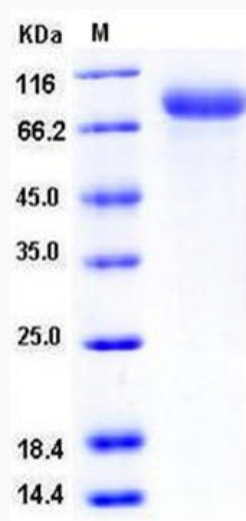
GENE INFORMATION

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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