

Endoglin/CD105 Recombinant Protein | ENG recombinant protein

Recombinant Human Endoglin/CD105 Protein

CATALOG #
AAA282512

HOST
HEK293 cells

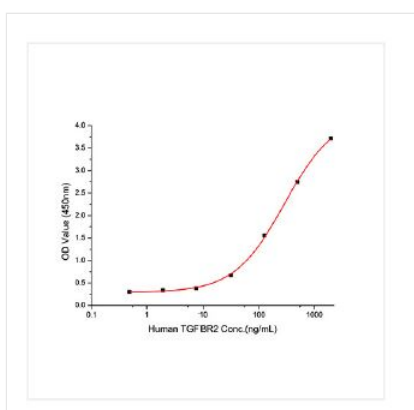
PRODUCT SYNONYMS

Endoglin/CD105; Recombinant Human Endoglin/CD105 Protein; END; HHT1; ORW1; CD105; ENG; endoglin; ENG recombinant protein

PRODUCT SPECIFICATIONS

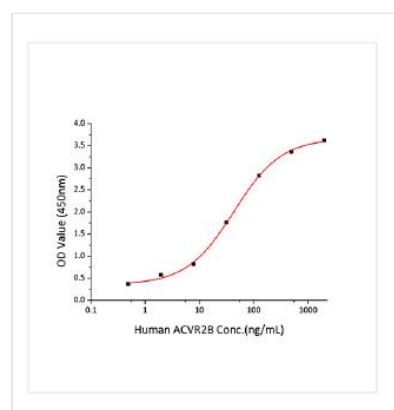
Host	HEK293 cells
Purity/Purification	> 95% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	Human
Endotoxin	< 0.1 EU/ug of the protein by LAL method.
Tag	C-hFc&His
Bioactivity	1. Measured by its binding ability in a functional ELISA. Immobilized Human CD105 at 1 ug/mL (100 uL/well) can bind Human ACVR2B with a linear range of 0.49-43.03 ng/mL. 2. Measured by its binding ability in a functional ELISA. Immobilized Human CD105 at 1 ug/mL (100 uL/well) can bind Human TGFBR2 with a linear range of 0.49-287.55 ng/mL.
Preparation and Storage	Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles. Ship: Ice Pack

IMAGES



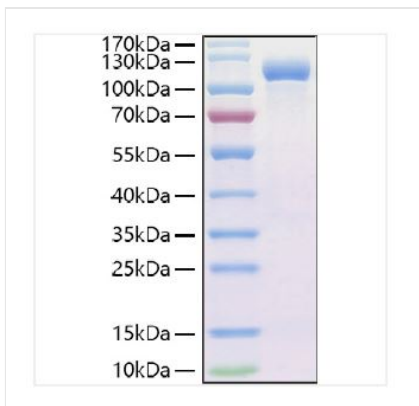
Application Data

Immobilized Human CD105 at 1ug/mL (100 uL/well) can bind Human TGFBR2 with a linear range of 0.49-287.55 ng/mL.



Application Data

Immobilized Human CD105 at 1ug/mL (100 uL/well) can bind Human ACVR2B with a linear range of 0.49-43.03 ng/mL.



SDS-PAGE

Active Recombinant Human Endoglin/CD105 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 110-120kDa.

ADDITIONAL INFORMATION

Related Product Information for ENG recombinant protein	Recombinant Human Endoglin/CD105 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Glu26-Gly586) of human Endoglin/CD105 (Accession #NP_001108225.1) fused with a Fc, 6×His tag at the C-terminus.
Product Categories/Family for ENG recombinant protein	Biosimilar Drug Targets

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557555
NCBI GeneID	2022
NCBI Accession #	NP_000109.1
NCBI GenBank Nucleotide #	NM_000118.2
UniProt Accession #	P17813; Q14248; Q14926; Q5T9C0
Molecular Weight	70,578 Da
NCBI Official Full Name	endoglin isoform 2
NCBI Official Synonym Full Names	endoglin
NCBI Official Symbol	ENG
NCBI Official Synonym Symbols	END; ORW; HHT1; ORW1; CD105
NCBI Protein Information	endoglin; CD105 antigen
UniProt Protein Name	Endoglin
UniProt Gene Name	ENG
UniProt Synonym Gene Names	END
UniProt Entry Name	EGLN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://www.aaabiotech.com/eng-recombinant-protein-hek293/282512>