

Recombinant Mouse Eng protein, His-tagged

Cat. No. Eng-5693M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Eng aa. (Thr336~Phe450 (Accession # Q63961)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Thr336~Phe450
Form	Freeze-dried powder
Molecular Mass	14 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.5.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Eng endoglin [Mus musculus (house mouse)]
Official Symbol	Eng
Synonyms	Eng; endoglin; Endo; CD105; AI528660; AI662476; S-endoglin; cell surface MJ7/18 antigen; transmembrane glycoprotein
Gene ID	13805
mRNA Refseq	NM_007932.2
Protein Refseq	NP_031958.2
UniProt ID	Q63961

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