



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

ENG (Human) Recombinant Protein (P01)

Catalog Number: H00002022-P01

Regulation Status: For research use only (RUO)

Product Description: Human ENG full-length ORF (AAH14271, 1 a.a. - 658 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MDRGTLPALAVALLASCSLSPTSLAETVHCDLQPVGPE
RDEVYTTTSQVSKGCVAQAPNAILEVHVLFEFPTGPS
QLELTQASKQNGTWPREVLLVLSVNSSVFLHLQALGI
PLHLAYNSSLVTFQEPPGVNTELPSPKTIQLEWAAE
RGPITSAELNDPQSILLRLGQAQGSLSFCMLEASQD
MGRTLEWRPRTPALVRGCHLEGVAGHKEAHILRVLP
HSAGPRTVTVKVELSCAPGDLDAVLILQGPPYVSWLID
ANHNMQIWTTEGEYSFKIFPEKNIRGFKLPDTPQGGLGE
ARMLNASIVASFVELPLASIVSLHASSCGGRLQTSAPAI
QTTTPKDTCSPELLMSLIQTKCADDAMTLVLKELVAH
LKCTITGLTFWDPSCEAEDRGDKFVLRSAISSCGMQV
SASMISNEAVVNILSSSSPQRKKVHCLNMDLSLQGLGL
YLSPHFLQASNTIEPGQQSFVQVRVSPSVSEFLQLDS
CHLDLGPEGGTVELIQGRAAKGNCVSLSPSPEGDP
FSFLLHFYTVPIPKTGTLSCTVALRPKTGSQDQEVHRT
VFMRNLNISPDLGCTSKGLVLPVAVLGITFGAFLIGALLT
AALWYIYSHTRSPSKREPVVAVAAPASSESSSTNHSIG
STQSTPCSTSSMA

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 98.12

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced

Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 2022

Gene Symbol: ENG

Gene Alias: CD105, END, FLJ41744, HHT1, ORW, ORW1

Gene Summary: This gene encodes a homodimeric transmembrane protein which is a major glycoprotein of the vascular endothelium. This protein is a component of the transforming growth factor beta receptor complex and it binds TGFB1 and TGFB3 with high affinity. Mutations in this gene cause hereditary hemorrhagic telangiectasia, also known as Osler-Rendu-Weber syndrome 1, an autosomal dominant multisystemic vascular dysplasia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

References:

1. Endoglin is a novel endothelial cell specification gene. Banerjee S, Dhara SK, Bacanamwo M. Stem Cell Research (2011), doi:10.1016/j.scr.2011.08.006