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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

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

cycles.

Catalog Number: P8562**Entrez GeneID:** 2022**Regulation Status:** For research use only (RUO)**Gene Symbol:** ENG**Product Description:** Human ENG (P17813, 26 a.a. - 586 a.a.) partial-length recombinant protein with N-terminal His-tag expressed in *Escherichia coli*.**Gene Alias:** CD105, END, FLJ41744, HHT1, ORW, ORW1**Sequence:**

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRW
GSETVHCDLQPVGPERDEVITYTTSQVSKGCVAQAPN
AILEVHVLFLFPTGPSQLELTQASKQNGTWPREVLL
VLSVNSSVFLHLQALGIPLHLAYNSSLVTFQEPPGVNT
TELPSPKQTQILEWAAERGPITSAAELNDPQSILLRLGQ
AQGSLSCMLEASQDMGRTLEWRPRTPALVRGCHLE
GVAGHKEAHILRVLPGHSAGPRTVTVKVELSCAPGDL
DAVLILQGPPYVSWLIDANHNMQIWTTGEYSFKIFPEK
NIRGFKLPDTPQGLLGEARMLNASIVASFVELPLASIVS
LHASSCGGRLQTSPAPIQTTPPKDTCPELLMSLIQTK
CADDAMTLVLKKELVAHLKCTITGLTFWDPSCEAEDR
GDKFVLR SAYSSCGMQVSASMISNEAVVNILSSSSPQ
RKKVHCLNMDLSLQGLYLSPHFLQASNTIEPGQQS
FVQVRVSPSVSEFLLQLDSCHLDLGPEGGTVELIQGR
AAKGNCVSLSPSPEGDPFRFSFLLHFYTVPIPKGTLS
CTVALRPKTGSQDQEVHRTVFMRLNIISPDLGCTSKG

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]**Host:** *Escherichia coli***Theoretical MW (kDa):** 64.90000000000001**Protocols:** See our web site at
<http://www.abnova.com/support/protocols.asp> or product
page for detailed protocols**Form:** Liquid**Preparation Method:** *Escherichia coli* expression
system**Purity:** > 85% by SDS-PAGE**Storage Buffer:** The Endoglin solution (0.25mg/ml)
contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT,
150mM NaCl and 10% glycerol.**Storage Instruction:** Store at -20°C. Aliquot the product
after reconstitution to avoid repeated freezing/thawing