



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 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

EFEMP1 (Human) Recombinant Protein (P01)

Catalog Number: H00002202-P01

Regulation Status: For research use only (RUO)

Product Description: Human EFEMP1 full-length ORF (AAH14410, 1 a.a. - 493 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MLKALFLTMLLALVKSQDTEETITYTQCTDGYEWDPV
GQQCKDIDECDIVPDACKGGMKCVNHYYGGYLCLPKTA
QIIVNNEQPQETQPAEGTSGATTGVVAASSMATSGV
LPGGGFVASAAVAGPEMQTGRNNFVIRRNADPQRI
PSNPSHRIQCAAGYEQSEHNVCQDIDECTAGTHNCRA
DQVCINLRGSFACQCPPGYQKRGEQCVDIDECTIPPY
CHQRCVNTPGSFYQCQSPGFQLAANNYTCVDINECD
ASNQCAQQCYNILGSFICQCNQGYELSSDRLNCEDID
ECRTSSYLCQYQCVNEPGKFSCMCPQGYQVRSRTC
QDINECETTNECREDEMWCWNYHGGFRCYPRNPCQD
PYILTPENRCVCPVSNAMCRELPQSIVYKYSIRSRS
VPSDIFQIQATTIYANTINTFRIKSGSENGEFYLRQTSPV
SAMLVLVKLSLSPREHIVDLEMLTASSIGTFRTSSVLRL
TIIVGPFSS

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 79.97

Interspecies Antigen Sequence: Mouse (94); Rat (93)

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: 2202

Gene Symbol: EFEMP1

Gene Alias: DHRD, DRAD, FBLN3, FBNL, FLJ35535, MGC111353, MLVT, MTLV, S1-5

Gene Summary: This gene spans approximately 18 kb of genomic DNA and consists of 12 exons. Alternative splice patterns in the 5' UTR result in three transcript variants encoding the same extracellular matrix protein. Mutations in this gene are associated with Doyme honeycomb retinal dystrophy. [provided by RefSeq]

References:

1. EFEMP1 suppresses malignant glioma growth and exerts its action within the tumor extracellular compartment. Hu Y, Pioli PD, Siegel E, Zhang Q, Nelson J, Chaturbedi A, Mathews MS, Ro DI, Alkafeef S, Hsu N, Hamamura M, Yu L, Hess KR, Tromberg BJ, Linskey ME, Zhou YH. Mol Cancer. 2011 Sep 28;10(1):123.
2. EFEMP1 expression promotes angiogenesis and accelerates the growth of cervical cancer in vivo. Song EL, Hou YP, Yu SP, Chen SG, Huang JT, Luo T, Kong LP, Xu J, Wang HQ. Gynecol Oncol. 2010 Dec 14. [Epub ahead of print]