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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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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:

MLKALFLTMLTLALVKSQDTEETITYTQCTDGYEWDPV
GQQCKDIDECDIVPDACKGGMKCVNHYGGYLCPLKTA
QIIVNNEQPQQTQPAEGTSGATTGVVAASSMATSGV
LPGGGFVASAAVAGPEMQTGRNNFVIRNPADPQRI
PSNPSHRIQCAAGYEQSEHNVCQDIDECTAGTHNCRA
DQVCINLRGSFACQCPPGYQKRGEQCVDIDECTIPPY
CHQRCVNTPGSFYCQCSPGFQLAANNYTCVDINECD
ASNQCAQQCYNILGSFICQCNQGYELSSDRLNCEDID
ECRTSSYLCQYQCVNEPGKFSCMCPQGYQVVRSTC
QDINECETTNECREDEMWNHGGFRCYPRNPCQD
PYILTPENRCVCPVSNAMCRELPQSIVYKYMSIRSDRS
VPSDIFIQIATTIYANTINTFRIKSGSENGEFYLRQTSPV
SAMLVLVKSLSGPREHIVDLEMLTASSIGTFRTSSVLRL
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, Chaturvedi 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]