Recombinant Full Length Human EFEMP1 Protein, GST-tagged

Cat. No. EFEMP1-4183HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EFEMP1 full-length ORF (AAH14410, 1 a.a. - 493 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	493 amino acids
Description	This gene encodes a member of the fibulin family of extracellular matrix glycoproteins. Like all members of this family, the encoded protein contains tandemly repeated epidermal growth factor-like repeats followed by a C-terminus fibulin-type domain. This gene is upregulated in malignant gliomas and may play a role in the aggressive nature of these tumors. Mutations in this gene are associated with Doyne honeycomb retinal dystrophy. Alternatively spliced transcript variants that encode the same protein have been described.[provided by RefSeq, Nov 2009]
Molecular Mass	79.97 kDa
AA Sequence	MLKALFLTMLTLALVKSQDTEETITYTQCTDGYEWDPVGQQCKDIDECDIVPDACKG GMKCVNHYGGYLCLPKTAQIIVNNEQPQQETQPAEGTSGATTGVVAASSMATSGVL PGGGFVASAAAVAGPEMQTGRNNFVIRRNPADPQRIPSNPSHRIQCAAGYEQSEH NVCQDIDECTAGTHNCRADQVCINLRGSFACQCPPGYQKRGEQCVDIDECTIPPYC HQRCVNTPGSFYCQCSPGFQLAANNYTCVDINECDASNQCAQQCYNILGSFICQCN QGYELSSDRLNCEDIDECRTSSYLCQYQCVNEPGKFSCMCPQGYQVVRSRTCQDI

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	NECETTNECREDEMCWNYHGGFRCYPRNPCQDPYILTPENRCVCPVSNAMCRELP QSIVYKYMSIRSDRSVPSDIFQIQATTIYANTINTFRIKSGSENGEFYLRQTSPVSAML VLVKSLSGPREHIVDLEMLTASSIGTFRTSSVLRLTIIVGPFSF
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	EFEMP1 EGF containing fibulin-like extracellular matrix protein 1 [Homo sapiens]
Official Symbol	EFEMP1
Synonyms	EFEMP1; EGF containing fibulin-like extracellular matrix protein 1; DHRD, EGF containing fibulin like extracellular matrix protein 1 , FBNL, fibrillin like; EGF-containing fibulin-like extracellular matrix protein 1; FBLN3; fibulin 3; MTLV; S1 5; FIBL-3; fibulin-3; extracellular protein S1-5; DHRD; DRAD; FBNL; MLVT; S1-5; FLJ35535; MGC111353;
Gene ID	2202
mRNA Refseq	NM_001039348

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Protein Refseq	NP_001034437
MIM	601548
UniProt ID	Q12805

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