

Recombinant Full Length Human EFEMP1 Protein, C-Flag-tagged

Cat. No. EFEMP1-54HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human EFEMP1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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 Doyme honeycomb retinal dystrophy. Alternatively spliced transcript variants that encode the same protein have been described.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	52.7 kDa
AA Sequence	MLKALFLTMLTLALVKSQDTEETITYTQCTDGYEWDVPVRQQCKDIDECDIVPDACKG GMKCVNHYGGYLC LPKTAQIIIVNNEQPQQETQPAEGTSGATTGVVAASSMATSGV LPGGGFVASAAVAGPEMQTGRNNFVIR RNPADPQRIPSNPSHRIQCAAGYEQSE HNVCQDIDECTAGTHNCRADQVCINLRGSFACQCPPGYQKRGE QCVDIDECTIPPY CHQRCVNTPGSFYCQCSPGFQLAANNYTCVDINECDASNQCAQQCYNILGSFICQC

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N QGYELSSDRLNCEDIDECRTSSYLCQYQCVNEPGKFSCMCPQGYQVVRRTCQ
DINECETTNECREDEMC WNYHGGFRCYPRNPCQDPYILTPENRCVCPVSNAMCR
ELPQSIVYKYMSIRSDRSVPSDIFQIQATTIYA NTINTFRIKSGNENGEFYLRQTSPVS
AMLVLVKSLSGPREHIVDLEMLTVSSIGTFRTSSVLRLTIIVGP
FSFTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Secreted Protein
Full Length	Full L.

GENE INFORMATION

Gene Name	EFEMP1 EGF containing fibulin extracellular matrix protein 1 [Homo sapiens (human)]
Official Symbol	EFEMP1
Synonyms	DHRD; DRAD; FBNL; MLVT; MTLV; S1-5; FBLN3; FIBL-3

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Gene ID	2202
mRNA Refseq	NM_001039348.3
Protein Refseq	NP_001034437.1
MIM	601548
UniProt ID	Q12805
Coomassie blue staining of purified EFEMP1 protein.	