

Recombinant Full Length Human EFEMP1 Protein

Cat. No. EFEMP1-141HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human EFEMP1 with N terminal proprietary tag, 79.97kDa.
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 Doyme honeycomb retinal dystrophy. Alternatively spliced transcript variants that encode the same protein have been described.
Form	Liquid
Molecular Mass	79.970kDa inclusive of tags
AA Sequence	MLKALFLTMLTLALVKSQDTEETITYTQCTDGYEWDVPGQ QCKDIDECDIVPDACKG GMKCVNHYGGYLCLPKTAQIIVN NEQPQQTQPAEGTSGATTGVVAASSMATSGV LPGGGFVA SAAAVAGPEMQTGRNNFVIRRNPADPQRIPSNPSHRIQCA AGYEQSE HNVCQDIDECTAGTHNCRADQVCINLRGSFACQ CPPGYQKRGEQCVDIDECTIPPY CHQRCVNTPGSFYCQCS PGFQLAANNYTCVDINECDASNQCAQQCYNILGSFICQ

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CN QGYELSSDRLNCEDIDECRTSSYLCQYQCVNEPGKFSCMC PQGYQVVRRTC
 QDINECETTNECREDEMWCWNYHGGFRCY PRNPCQDPYILTPENRCVCPVSNAMC
 RELPQSIVYKYMSI RSDRSVPSDIFQIQATTIYANTINTFRIKSGSENGEFYLR QTSPV
 SAMLVLVKSLSGPREHIVDLEMLTASSIGTFRTSS VLRLTIIVGPFSF

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

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; S15

Gene ID 2202

mRNA Refseq NM_001039348

Protein Refseq NP_001034437

MIM 601548

UniProt ID Q12805

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