

Recombinant Human EFEMP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EFEMP1-3224H Lot. No. (See product label)

SPECIFICATION

Product Overview

EFEMP1 MS Standard C13 and N15-labeled recombinant protein (NP_004096) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

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.

Molecular Mass

54.6 kDa

AA Sequence

MLKALFLTMLTLALVKSQDTEETITYTQCTDGYEWDVPVRQQCKDIDECDIVPDACKG
GMKCVNHYGGYLCLPKTAQIIVNNEQPQQETQPAEGTSGATTGVVAASSMATSGVL
PGGGFVASAAVAGPEMQTGRNNFVIRRNPADPQRIPSNPSHRIQCAAGYEQSEH
NVCQDIDECTAGTHNCRADQVCINLRGSFACQCPPGYQKRGEQCVDIDECTIPPYC
HQRCVNTPGSFYQCSPGFQLAANNYTCVDINECDASNQCAQQCYNILGSFICQCN
QGYELSSDRLNCEDIDECRTSSYLCQYQCVNEPGKFSCMCPQGYQVVRRTCQDI

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NECETTNECREDEM CWNYHGGFRCYPRNPCQDPYILTPENRCVCPVSNAMCRELP
 QSIVYKYMSIRSDRSVPSDIFQIQATTIYANTINTFRIKSGNENGEFYLRQTSPVSAML
 VLVKSLSGPREHIVDLEMLTVSSIGTFRTSSVLRLTIIVGPFSTRTRPLEQKLISEEDL
 AANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name EFEMP1 EGF containing fibulin-like extracellular matrix protein 1 [Homo sapiens (human)]

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

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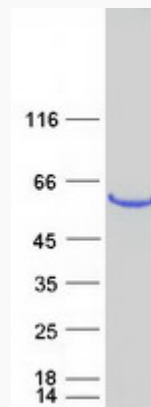
mRNA Refseq [NM_004105](#)

Protein Refseq [NP_004096](#)

MIM [601548](#)

UniProt ID [Q12805](#)

SDS-PAGE



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