

Recombinant Human EFEMP1, MYC/DDK-tagged

Cat. No. EFEMP1-501H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human EFEMP1 fused with C-terminal MYC/DDK, was expressed in HEK293 Cells. |
| Species | Human |
| Source | HEK293 |
| Description | <p>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.</p> <p>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.</p> |
| Molecular Mass | 52.7 kDa |
| Purity | >80% as determined by SDS-PAGE and Coomassie blue staining |
| Storage buffer | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |
| 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. |

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|----------------------------|---|
| Storage | Store at -800C. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions. |
| OfficialSymbol | EFEMP1 |
| GENE INFORMATION | |
| Gene Name | EFEMP1 EGF containing fibulin-like extracellular matrix protein 1 [Homo sapiens] |
| Synonyms | EFEMP1; EGF containing fibulin-like extracellular matrix protein 1; DHRD; DRAD; FBNL; MLVT; MTLV; S1-5; FBLN3; FIBL-3; EGF-containing fibulin-like extracellular matrix protein 1; fibulin-3; extracellular protein S1-5; EGF-containing fibulin-like extracellular matrix protein 1; Extracellular protein S1-5; fibrillin-like; Fibulin-3; Fibrillin-like protein |
| Gene ID | 2202 |
| mRNA Refseq | NM_001039348 |
| Protein Refseq | NP_001034437 |
| MIM | 601548 |
| UniProt ID | Q12805 |
| Chromosome Location | 2p16 |
| Function | calcium ion binding; epidermal growth factor receptor binding; epidermal growth factor-activated receptor activity; growth factor activity; protein binding |

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