

Recombinant Human EFEMP2 protein, T7/His-tagged

Cat. No. EFEMP2-52H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human EFEMP1 cDNA (26 – 443 aa, derived from BC010456) fused with T7-His-TEV cleavage site Tag (29aa) at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	26-443 a.a.
Form	0.2 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQQMGRGRHHHHHHENLYFQGGEFELSPQDSEEPDSYTECTDGYEWDP DSQHCRDVNECLTIPEACKGEM KCINHYGGYLCLPRSAVINDLHGEGPPPPVPPA QHPNPPCPGYEPDDQDSCVDVDECAQALHDCRPSQDCHNLP GSYQCTCPDGYR KIGPECVDIDECRYRYCQHRCVNLPGSFRCQCEPGFQLGPNNRSCVDVNECDMGA PCEQRCFN SYGTFLCRCHQGYELHRDGFSCSDIDECSSYSSYLCQYRCINEPGRFS CHCPQGYQLLATRLCQDIDECESGAHQ C SEAQTCVNFHGGYRCVDTNRCVEPYIQ VSENRLCPASNPLCREQPSSIVHRYMTITSESVPADVFQIQATSVY PGAYNAFQI RAGNSQGDFYIRQINNVSAMLVLARPVTGPREYVLDLEMVTMNSLMSYRASSVLRL TVFVGAYTF
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro EFEMP2 protein mediated cancer cell growth regulation

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study with this protein as either coating matrix protein or as soluble factor.2. May be used for EFEMP2 protein – protein interaction assay.3. May be used as enzymatic substrate for various proteases.4. Potential biomarker protein for diagnosis of malignant pleural mesothelioma..5. May be used for specific antibody production.

Storage

Keep at -80centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.

GENE INFORMATION

Gene Name EFEMP2 EGF containing fibulin-like extracellular matrix protein 2 [Homo sapiens]

Official Symbol EFEMP2

Synonyms

EFEMP2; EGF containing fibulin-like extracellular matrix protein 2; EGF containing fibulin like extracellular matrix protein 2; EGF-containing fibulin-like extracellular matrix protein 2; FBLN4; fibulin 4; UPH1; FIBL-4; fibulin-4; mutant p53 binding prote

Gene ID 30008

mRNA Refseq NM_016938

Protein Refseq NP_058634

MIM 604633

UniProt ID O95967

Chromosome Location 11q13

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Function

calcium ion binding; extracellular matrix structural constituent; protein binding;
transmembrane signaling receptor activity;

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