

Active Recombinant Human EFEMP1 protein, HA-tagged

Cat. No. EFEMP1-68H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EFEMP1(Gln18-Phe493) fused with HA tag at N-terminal was expressed in CHO.
Species	Human
Source	CHO
ProteinLength	18-493 a.a.
Predicted N Terminal	Tyr (of HA tag)
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of RT4-D6P2T rat schwannoma cells. The ED50 for this effect is typically 0.4-2 µg/mL.
Molecular Mass	Predicted Molecular Mass: 54 kDa; SDS-PAGE: 52-71 kDa, reducing conditions.
Endotoxin	<0.10 EU per 1 µg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE with silver staining
Storage	Avoid repeated freeze-thaw cycles.

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12 months from date of receipt, -20 to -70 centigrade as supplied.
 1 month, 2 to 8 centigrade under sterile conditions after reconstitution.
 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

Reconstitution Reconstitute at 200 µg/mL in sterile PBS.

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; S1 5; FIBL-3; fibulin-3; extracellular protein S1-5; DHRD; DRAD; FBNL; MLVT; S1-5; FLJ35535; MGC111353;

Gene ID 2202

mRNA Refseq NM_001039348

Protein Refseq NP_001034437

MIM 601548

UniProt ID Q12805

Chromosome Location 2p16

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Function

calcium ion binding; epidermal growth factor receptor binding; epidermal growth factor-activated receptor activity; growth factor activity; protein binding;

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