

Recombinant Human EFEMP2 293 Cell Lysate

Cat. No. EFEMP2-6704HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for EGF-containing fibulin-like extracellular matrix protein 2 (EFEMP2) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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 protein 1; MBP1; ARCL1B;
Gene ID	30008
mRNA Refseq	NM_016938
Protein Refseq	NP_058634
MIM	604633
UniProt ID	O95967
Chromosome Location	11q13
Function	calcium ion binding; extracellular matrix structural constituent; protein binding; transmembrane signaling receptor activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA