Recombinant Human EFEMP2 Protein, His/GST-tagged

Cat. No. EFEMP2-229H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EFEMP2(Ser26~Phe443) fused with His/GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser26~Phe443
Description	A large number of extracellular matrix proteins have been found to contain variations of the epidermal growth factor (EGF) domain and have been implicated in functions as diverse as blood coagulation, activation of complement and determination of cell fate during development. The protein encoded by this gene contains four EGF2 domains and six calcium-binding EGF2 domains. This gene is necessary for elastic fiber formation and connective tissue development. Defects in this gene are cause of an autosomal recessive cutis laxa syndrome. Alternatively spliced transcript variants have been identified for this gene.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	76.84kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 95%

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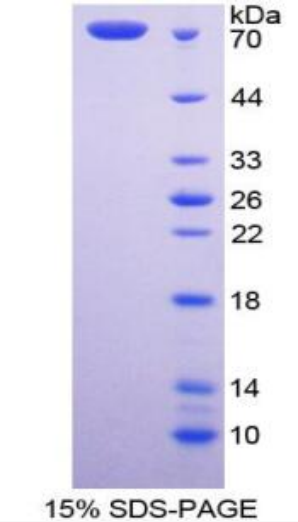
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

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

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UniProt ID	O95967



15% SDS-PAGE

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