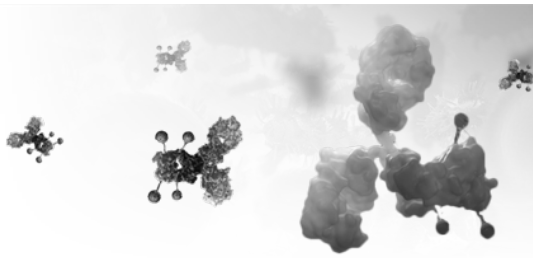

Human EFEMP2 peptide (DAG-P0456)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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. [provided by RefSeq, Jan 2011]
Conjugate	Unconjugated
Format	Liquid
Buffer	pH: 8.50Constituents: 10% DMSO, 0.6% Tris, 0.15% EDTA, 0.1% BSA
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. pH: 8.50Constituents: 10% DMSO, 0.6% Tris, 0.15% EDTA, 0.1% BSA

GENE INFORMATION

Gene Name	EFEMP2 EGF containing fibulin-like extracellular matrix protein 2 [Homo sapiens (human)]
Official Symbol	EFEMP2
Synonyms	EFEMP2; EGF containing fibulin-like extracellular matrix protein 2; MBP1; UPH1; FBLN4; ARCL1B; EGF-containing fibulin-like extracellular matrix protein 2; FIBL-4; fibulin 4; fibulin-4; mutant p53 binding protein 1;
Entrez Gene ID	30008

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mRNA Refseq	NM_016938.4
Protein Refseq	NP_058634.4
UniProt ID	O95967
Chromosome Location	11q13.1
Pathway	Elastic fibre formation, organism-specific biosystem; Extracellular matrix organization, organism-specific biosystem; Molecules associated with elastic fibres, organism-specific biosystem;
Function	calcium ion binding; extracellular matrix structural constituent; protein binding; transmembrane signaling receptor activity;

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