

Fibulin-3 Protein, Human (HEK293, His)

Cat. No.:	HY-P77920
Synonyms:	EFEMP1; FBLN3; FBNL; DHRD; FBNLFLJ35535; FIBL-3; fibrillin-like; Fibulin 3; MGC111353; MLVT; MTLV; S1-5
Species:	Human
Source:	HEK293
Accession:	Q12805 (Q18-F493)
Gene ID:	2202
Molecular Weight:	55-70 kDa

PROPERTIES

Biological Activity	Immobilized Human EFEMP1, His Tag at 2 µg/mL (100 µl/Well) on the plate. Dose response curve for Anti-EFEMP1 Antibody, hFc Tag with the EC ₅₀ of ≤20 ng/mL determined by ELISA.
Appearance	Lyophilized powder
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	Fibulin-3 protein exhibits the ability to bind to the EGF receptor (EGFR), stimulating EGFR autophosphorylation and subsequent activation of downstream signaling pathways. It is thought to have implications in cell adhesion and migration, and may function as a negative regulator of chondrocyte differentiation. In the olfactory epithelium, Fibulin-3 protein potentially regulates glial cell migration and differentiation, as well as influences the capacity of glial cells to support neuronal neurite outgrowth. It interacts with ECM1 and TIMP3 proteins.
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Caution: Product has not been fully validated for medical applications. For research use only.

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