Human Fibulin-3,EFEMP1 ELISA Kit

Catalog No: #EK5689

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Description

Product Name	Human Fibulin-3,EFEMP1 ELISA Kit
Specificity	Human
Crossing Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Immunogen Type	CHO,Q18-F493
Other Names	EGF-containing fibulin-like extracellular matrix protein 1; Extracellular protein S1-5; Fibrillin-like protein; Fibulin-3; FIBL-3; EFEMP1; FBLN3, FBNL;
Accession No.	Q12805
Uniprot	Q12805
GeneID	2202;
Cell Localization	Secreted, extracellular space.Secreted, extracellular space, extracellular matrix.Localizes to the lamina propria underneath the olfactoryepithelium..

Application Details

sensitivity:10pg mlDetect Range:312pg ml-20000pg mlsample_type:cell culture supernates cell lysates tissue homogenates serum and plasma (heparin EDTA).capture_antibody:detection_antibody:gene_name:EFEMP1protein_name:EGF-containing fibulin-like extracellular matrix protein 1gene_full_name:EGF-containing fibulin-like extracellular matrix protein 1tissue_specificity: In the eye associated with photoreceptorouter and inner segment regions the nerve fiber layer outernuclear layer and inner and outer plexiform layers of the retina..sequence_similarities:tmb_incubation:15-20minresearch_category:signal transduction|signaling pathway|calcium signaling|calcium binding proteins|neuroscience|sensory system|visual system

Product Description

Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human Fibulin-3,EFEMP1

Background

protein_function: Binds EGFR, the EGF receptor, inducing EGFRautophosphorylation and the activation of downstream signalingpathways. May play a role in cell adhesion and migration. Mayfunction as a negative regulator of chondrocyte differentiation.In the olfactory epithelium, it may regulate glial cell migration,differentiation and the ability of glial cells to support neuronalneurite outgrowth..EGF-containing fibulin-like extracellular matrix protein 1 is a protein that in humans is encoded by the EFEMP1 gene. This gene encodes a member of the fibulin family of extracellular matrix glycoproteins. Like all members of this family, the encoded protein contains tandemly repeated epidermal growth factor-like repeats followed by a C-terminus fibulin-type domain. This gene is upregulated in malignant gliomas and may play a role in the aggressive nature of these tumors. Mutations in this gene are associated with Doyne honeycomb retinal dystrophy. Alternatively spliced transcript variants that encode the same protein have been described.

Note: This product is for in vitro research use only