

Datasheet for ABIN2719970

FBLN3 Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)[Go to Product page](#)**2** Images**1** Publication

Overview

Quantity:	20 µg
Target:	FBLN3
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This FBLN3 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD), Functional Studies (Func), Protein Interaction (PI)

Product Details

Specificity:	Optimal preservation of protein structure, post-translational modifications and functions.
Characteristics:	<ul style="list-style-type: none">• Recombinant human EGF-containing fibulin-like extracellular matrix protein 1 (EFEMP1), transcript variant 1 (transcript variant 1) protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone• Tested for bioactivity.
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Biological Activity Comment:	: 200 ng of recombinant purified EFEMP1-myc were added to cultured glioma cells (CNS-1 rat glioma cell line) for 6h, and cells were further processed for quantitative RT-PCR. Results showed increased expression of metalloproteases MMP2 and MMP9, in agreement with published results from Hu. et. al. (Mol. Cancer Res. (2009) 7:1756-1770) Data kindly provided by

Product Details

Dr. Mariano S. Viapiano, Ohio State University.

Target Details

Target:	FBLN3
Alternative Name:	Egf-Containing Fibulin-Like Extracellular Matrix Protein 1 (Efemp1) (FBLN3 Products)
Background:	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 Doyme honeycomb retinal dystrophy. Alternatively spliced transcript variants that encode the same protein have been described.[provided by RefSeq, Nov 2009]
Molecular Weight:	52.7 kDa
NCBI Accession:	NP_004096
Pathways:	EGFR Signaling Pathway

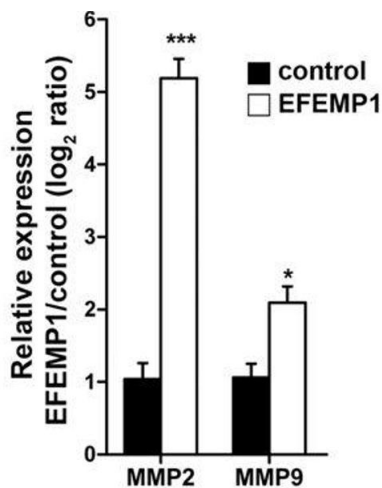
Application Details

Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays Protein-protein interaction In vitro biochemical assays and cell-based functional assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

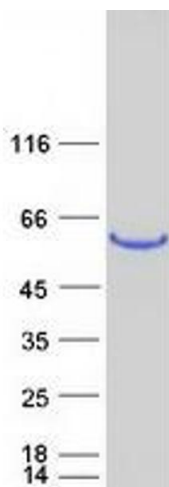
Concentration:	> 50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Product cited in: Makowski, Willems, Fang, Choi, Zhang, Jansen, Brown, Vermeulen: "An interaction proteomics survey of transcription factor binding at recurrent TERT promoter mutations." in: **Proteomics**, Vol. 16, Issue 3, pp. 417-26, (2016) ([PubMed](#)).



Activity Assay

Image 1. Bioactivity measured with Activity Assay



Western Blotting

Image 2. Validation with Western Blot