

Recombinant Human FMN1 Protein, GST-tagged

Cat. No. FMN1-4385H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FMN1 full-length ORF (AA103693.1, 1 a.a. - 503 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene belongs to the formin homology family and encodes a protein that has a role in the formation of adherens junction and the polymerization of linear actin cables. The homologous gene in mouse is associated with limb deformity. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2015]
Molecular Mass	80.1 kDa
AA Sequence	MENVDNSLDGSDVSEPAKPEAGLEVAQSILSKFSMKSLFGFTSKLESVNPEEEDAVL KAFHSLDVNPTSQQDDSSNGLDPQEAGSRVSPDLGNDEKIASVETESEGSQRKEA GTSLLAQELLPLSTLKGTKDDVICVRGTLVHTTSDSDSDDGGQEPEEGSSTNGPKSP SVVLSEPSQESKENPGGFRENTVTGEMNGAELCAEDPQRIPPEMSSKLEAGNGGL QTERRPSQDQVGEEGSQDLPAVTNQNSSVGITESASSKKEVSGEKSFQLPAFFSGL RVLKKGATAEGGETITEIKPKDGD LALLKLTQPVQKSLVQAGLQTVKSEKKATDPKAT PTLLEQLSLLLNIIDMPKTEPKGADPESPRREEMGCNADQESQSGPGVPQTQGGEV KPKSPETALEAFKALFIRPPRKGTADTSELEALKRMRHEKESLRVFERNSKPA DGPSDSKSPDHSLTEQDDRTPGRLQAVWPPPKTKDTEEKVGLKYTEAGNVKGS

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

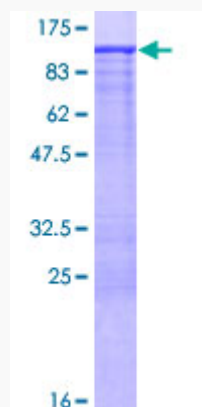
Gene Name	FMN1 formin 1 [Homo sapiens]
Official Symbol	FMN1
Synonyms	FMN1; formin 1; FMN, formin (limb deformity), LD; formin-1; DKFZP686C2281; FLJ45135; limb deformity protein; MGC125288; MGC125289; formin (limb deformity); limb deformity protein homolog; LD; FMN; DKFZp686C2281; DKFZp686G2387;
Gene ID	342184
mRNA Refseq	NM_001103184
Protein Refseq	NP_001096654
MIM	136535
UniProt ID	Q68DA7

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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