

Recombinant Human FBN1 Protein, GST-tagged

Cat. No. FBN1-3878H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FBN1 partial ORF (NP_000129, 2772 a.a. - 2871 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the fibrillin family of proteins. The encoded preproprotein is proteolytically processed to generate two proteins including the extracellular matrix component fibrillin-1 and the protein hormone asprosin. Fibrillin-1 is an extracellular matrix glycoprotein that serves as a structural component of calcium-binding microfibrils. These microfibrils provide force-bearing structural support in elastic and nonelastic connective tissue throughout the body. Asprosin, secreted by white adipose tissue, has been shown to regulate glucose homeostasis. Mutations in this gene are associated with Marfan syndrome and the related MASS phenotype, as well as ectopia lentis syndrome, Weill-Marchesani syndrome, Shprintzen-Goldberg syndrome and neonatal progeroid syndrome. [provided by RefSeq, Apr 2016]
Molecular Mass	36.74 kDa
AA Sequence	SNKVRILELLPALTTLTNHNRYLIESGNEDGFFKINQKEGISYLHFTKKKPVAGTYSLQI SSTPLYKKKELNQLDKYDKDYLSGELGDNLMKMKIQVLLH
Applications	Enzyme-linked Immunoabsorbent Assay

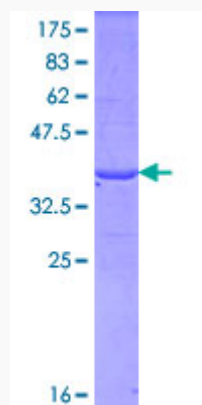
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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	FBN1 fibrillin 1 [Homo sapiens]
Official Symbol	FBN1
Synonyms	FBN1; fibrillin 1; FBN, fibrillin 1 (Marfan syndrome) , MFS1, WMS; fibrillin-1; Marfan syndrome; MASS; OCTD; SGS; fibrillin 15; FBN; WMS; MFS1; SSKS; WMS2; ACMICD; GPHYSD2;
Gene ID	2200
mRNA Refseq	NM_000138
Protein Refseq	NP_000129
MIM	134797
UniProt ID	P35555

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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