

Fibrillin-1/Asprosin Recombinant Protein | Fbn1 recombinant protein

Recombinant Mouse Fibrillin-1/Asprosin Protein (N-8His)

CATALOG #
AAA22120

HOST
Human Cells

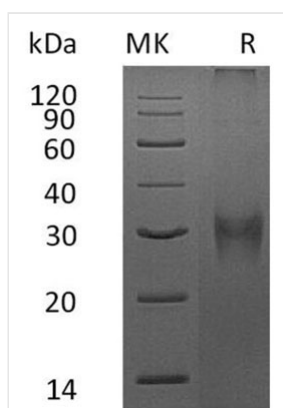
PRODUCT SYNONYMS

Fibrillin-1/Asprosin; Recombinant Mouse Fibrillin-1/Asprosin Protein (N-8His); Fibrillin-1; Fbn1; Asprosin; Fbn-1; Fbn1 recombinant protein

PRODUCT SPECIFICATIONS

Host	Human Cells
Purity/Purification	> 85% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4.
Sequence Positions	Ser2734 - His2873
Sequence Length	2873
Species	Mouse
Endotoxin	< 1.0 EU per ug as determined by the LAL method.
Tag	N-8His
Reconstitution	We recommend that the vial be centrifuged to opening to bring the contents to the bottom. Do not mix by vortex. It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/mL. Concentration is measured by UV-Vis.
Preparation and Storage	Lyophilized protein should be stored at < -20°C, Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Fbn1 recombinant protein	Asprosin is a protein hormone that is produced by white adipose tissue in mammals (and potentially by other tissues), which is then transported to the liver and stimulates it to release glucose into the blood stream. In the liver asprosin activates rapid glucose release by a cAMP-dependent pathway. The glucose release by the liver into the blood stream is vital for brain function and survival during fasting. People with neonatal progeroid syndrome lack asprosin, while people with insulin resistance have it in abundance. In animal tests asprosin showed potential for treating type 2 diabetes. When antibodies targeting asprosin were injected into diabetic mice, blood glucose and insulin levels improved.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	118197277
NCBI GeneID	14118
NCBI Accession #	NP_032019.2
NCBI GenBank Nucleotide #	NM_007993.2
UniProt Accession #	Q61554; Q60826; A2AQ53
Molecular Weight	Molecular Mass: 16.9 kDa Actual Protein Molecular Mass: 30 kDa
NCBI Official Full Name	fibrillin-1 preproprotein
NCBI Official Synonym Full Names	fibrillin 1
NCBI Official Symbol	Fbn1
NCBI Official Synonym Symbols	Tsk; Fib-1; A1536462; B430209H23
NCBI Protein Information	fibrillin-1
UniProt Protein Name	Fibrillin-1
UniProt Gene Name	Fbn1
UniProt Synonym Gene Names	Fbn-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.