

Mouse Fibrillin 1 (FBN1) Protein

Catalogue No.: abx692999

Mouse Fibrillin-1 Protein is a recombinant protein from Mouse produced in HEK293 cells. The target gene encoding Ser2732-His2871 is expressed with an N-terminal His tag.

Fibrillin-1 is a protein produced by white adipose tissue in mammals, which stimulates the liver to release glucose into the blood stream, via a cAMP-dependent pathway. This process is vital for brain function and survival during fasting. Neonatal progeroid syndrome results in lack of Fibrillin-1, while insulin resistance causes an abundance of Fibrillin-1. Fibrillin-1 has been proposed as a target for Type 2 Diabetes treatment- when antibodies targeting Fibrillin-1 were injected into diabetic mice, blood glucose and insulin levels improved.

Target:	Fibrillin-1
Origin:	Mouse
Expression:	Recombinant
Tested Applications:	SDS-PAGE
Host:	Human
Form:	Lyophilized
Purity:	> 80% (SDS-PAGE)
Purification:	0.2 µm filtered.
Storage:	Aliquot and store at -20°C for up to 1 year. Avoid repeated freeze/thaw cycles.
Stability:	Stable when stored reconstituted at 4-8 °C for up to 1 week. Reconstituted aliquots are stable at < -20 °C for up to 3 months.
UniProt Primary AC:	Q61554 (UniProt , ExPASy)
NCBI Accession:	AAA56840.1
KEGG:	mmu:14118
String:	10090.ENSMUSP00000028633
Molecular Weight:	Calculated MW: 16.9 kDa Observed MW (SDS-PAGE): 30 kDa
Sequence Fragment:	Ser2732-His2871

Datasheet

Version: 4.0.0

Revision date: 24 Jun 2025



Tag: N-terminal His tag

Buffer: Prior to lyophilization: PBS, pH 7.4, containing 5-8% Trehalose, Mannitol and 0.01% Tween-80.

Activity: Not tested

Endotoxin Level: < 1.0 EU per µg (LAL method).

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only