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Datasheet for ABIN7319692
Fibrillin 1 Protein (FBN1) (His tag)

Overview

Quantity:	50 µg
Target:	Fibrillin 1 (FBN1)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Fibrillin 1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Fibrillin-1/FBN1 Protein (His Tag)
Sequence:	Ser2732-His287
Characteristics:	Recombinant Human Fibrillin-1 is produced by our Mammalian expression system and the target gene encoding Ser2732-His2871 is expressed with a 8His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Fibrillin 1 (FBN1)
Alternative Name:	Fibrillin-1/FBN1 (FBN1 Products)
Background:	Background: 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

Target Details

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.

Synonym: Fibrillin-1, FBN1, Asprosin, FBN

Molecular Weight: 17 kDa

UniProt: [P35555](#)

Pathways: [Maintenance of Protein Location](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.