

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

Cat.NO.: TP05725

3th Edition

Synonyms:Fibrillin-1; Fbn1; Asprosin; Fbn-1

Description: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.

Form:PBS

Molecular Weight:16.9 kDa

Sequences:Ser2732-His2871

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.