

32-7873: Recombinant Mouse Fibrillin-1/Asprosin (N-8His)

Gene : Fbn1
Gene ID : 14118
Uniprot ID : Q61554

Description

Source: Human Cells.
MW :16.9kD.

Recombinant Mouse 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. 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.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. 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.
Amino Acid : HHHHHHHHSTNETDASDIQDGSEMEANVSLASWDVEKPASFAFNISHVSNKVRILELLPALTTLMNHNRYLIES
GNEDGFFKINQKEGVSYLHFTKKNVAVAGTYSLQISSTPLYKKKELNQLLEDYDKDYLSGELGDNLKMKIQILLH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.