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Product Datasheet

Recombinant Human Asprosin (N-8His) EBT-EPT172

Artikelname	Recombinant Human Asprosin (N-8His)
Artikelnummer	EBT-EPT172
Hersteller Artikelnummer	EPT172
Alternativnummer	EBT-EPT172-50
Hersteller	ELK Biotechnology
Kategorie	Proteine/Peptide
Produktbeschreibung	Recombinant Human Asprosin is produced by our Mammalian expression system and the target gene encoding Ser2732-His2871 is expressed with a 8His tag at the N-terminus....
Molekulargewicht	Molecular weight: 17 KDa. Apparent molecular weight: 27-30 KDa, reducing conditions
UniProt	P35555
Reinheit	Greater than 95% as determined by reducing SDS-PAGE.

Anwendungsbeschreibung	Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. 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 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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