

32-8309: Recombinant Human Angiotensin-Like Protein 8/ANGPTL8/Betatrophin (C-6His)(Discontinued)

Gene : ANGPTL8
Gene ID : 55908
Uniprot ID : Q6UXH0

Description

Source: E.coli.
MW :21.1kD.

Recombinant Human Angiotensin-like protein 8 is produced by our E.coli expression system and the target gene encoding Ala22-Ala198 is expressed with a 6His tag at the C-terminus. The protein specifically promotes pancreatic beta cell proliferation and beta cell mass expansion, thereby improving glucose tolerance. It promotes pancreatic beta cell proliferation without insulin resistance. Also it acts as a blood lipid regulator by regulating serum triglyceride levels and possibly by promoting ANGPTL3 cleavage. It interacts with ANGPTL3. It predominantly expressed in liver and also expressed in adipose tissues. The ability of the protein to induce pancreatic beta cell proliferation is promising in diabetes therapy. Betatrophin treatment could supply or replace insulin injections by increasing the number of insulin-producing cells in diabetes.

Product Info

Amount : 10 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM Tris,150mM NaCl, pH 8.0.
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 : MAPMGGPELAQHEELTLLFHGTLQLGQALNGVYRTTEGRLTKARNSLGLYGRTEI LLGQEVSRGRDAAQELRA
SLL ETQMEEDILQLQAEATAEVLGEVAQAQKVL RDSVQRLEVQLRS AWLGPAYREFEVLKAHADKQSHILWAL
TGHVQRQRREMVAQQHRLRQIQR LHTAALPALEHHHHHHH

Application Note

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