

Product datasheet for **TP726905**

C19orf80 (ANGPTL8) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Angiopoietin-Like Protein 8/ANGPTL8/Î²trophin (N-Fc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ala22-Ala198
Tag:	N-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Note:	Recombinant Human Angiopoietin-like protein 8 is produced by our Mammalian expression system and the target gene encoding Ala22-Ala198 is expressed with a Fc tag at the N-terminus.
Stability:	12 months from date of despatch
Locus ID:	55908
UniProt ID:	Q6UXH0
Summary:	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.



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