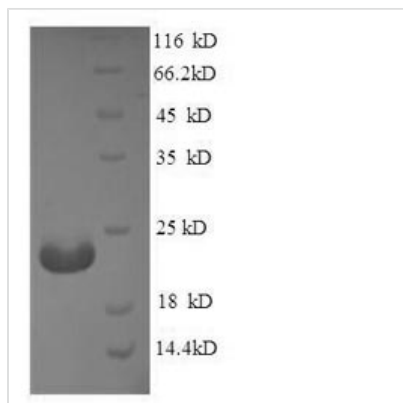


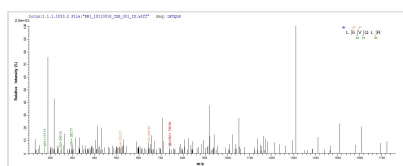


# Recombinant Human Angiopoietin-like protein 8 (ANGPTL8)

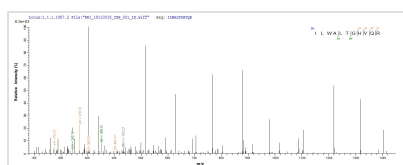
<b>Product Code</b>	CSB-EP757793HU
<b>Relevance</b>	Hormone that acts as a blood lipid regulator by regulating serum triglyceride levels . May be involved in the metabolic transition between fasting and refeeding: required to direct fatty acids to adipose tissue for storage in the fed state .
<b>Abbreviation</b>	Recombinant Human C19orf80 protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q6UXH0
<b>Alias</b>	Betatrophin1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	APMGGPELAQHEELTLLFHGTLQLGQALNGVYRTTEGRLTKARNSLGLYGRTI ELLGQEVSRGRDAAQELRASLLETQMEEDILQLQAEATAEVLGEVAQAQKVL DSVQRLEVQLRSAWLGPAYREFEVLKAHADKQSHILWALTGHVQRQRREMV AQQHRLRQIQERLHTAALPA
<b>Research Area</b>	Cell Biology
<b>Source</b>	E.coli
<b>Target Names</b>	C19orf80
<b>Expression Region</b>	22-198aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	23.9kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP757793HU could indicate that this peptide derived from E.coli-expressed Homo sapiens (Human) ANGPTL8.



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## Description

Introducing our Recombinant Human C19orf80 (ANGPTL8), an outstanding research tool for scientists investigating cell biology, lipid metabolism, and angiogenesis. Angiopoietin-like protein 8, also known as Betatrophin, Lipasin, or Refeeding-induced fat and liver protein, is a secreted protein with essential roles in lipid metabolism and glucose homeostasis, making it a potential target for diabetes and obesity research.

Our Recombinant Human ANGPTL8 is derived from E.coli expression systems and represents the full length of the mature protein, spanning the 22-198 amino acid expression region. The protein is N-terminal 6xHis-tagged for convenient purification and detection processes. Boasting a purity greater than 90% as determined by SDS-PAGE, our Recombinant Human C19orf80 (ANGPTL8) provides consistent quality and performance in your experiments. This product is available in both liquid and lyophilized powder forms to accommodate a variety of research needs.

## Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.