

ANGPTL8 Protein, Mouse, Recombinant (His)

General Information

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| Synonyms: | Rifl;Angiopoietin-like protein 8;Angptl8;Gm6484;Refeeding-induced fat and liver protein;Betatrophin;Lipasin |
| Protein Construction: | 16-198 aa |
| Species: | Mouse |
| Expression Host: | P. pastoris (Yeast) |
| Accession: | Q8R1L8 |
| Molecular Weight: | 22.5 kDa (predicted) |
| AA Sequence: | VRPAPVAPLGGPEPAQYEELTLLFHGALQLGQALNGVYRATEARLTEAGHSLGLYDRALEFLGTEVRQGQDA TQELRTSLSEIQVEEDALHLRAEATARSLGEVARAQQALRDTVRRRLQVQLRGAWLGQAHQEFETLKARADKQ SHLLWALTGHVQRQREMAEQQWLRQIQRLHTAALPA |

QC Testing

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| Biological Activity: | Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first. |
| Purity: | > 90% as determined by SDS-PAGE. |
| Endotoxin: | < 1.0 EU/μg of the protein as determined by the LAL method. |
| Formulation: | Tris-based buffer, 50% glycerol |

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months.

Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

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. According to a report, may act by promoting ANGPTL3 cleavage. According to another study, not required for cleavage of ANGPTL3.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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