



Chromosome 19 Open Reading Frame 80 Mouse Recombinant

Item Number	rAP-3027
Synonyms	Betatrophin, Angiopoietin-like protein 8, Lipasin, Refeeding-induced fat and liver protein, Gm6484, Angptl8, Rflf, EG624219.
Description	C19ORF80 Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (a.a 16-198) containing 193 amino acids including a 10 a.a N-terminal His tag. The total molecular mass is 21.8kDa (calculated).
Uniprot Accesion Number	Q8R1L8
Amino Acid Sequence	MKHHHHHHASVRPAPVAPLG GPEPAQYEEL TLLFHGALQL GQALNGVYRA TEARLTEAGH SLGLY-DRALE FLGTEVRQQQ DATQELRTSL SEIQVEEDAL HLRAEATARS LGEVARAQQA LRDTVRRRLQV QLRGAWLGQA HQEFETLKAR ADKQSHLLWA LTGHVQRQQR EMAEQQQWLR QIQQRLHTAA LPA.
Source	Escherichia Coli.
Physical Appearance and Stability	Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
Formulation and Purity	C19ORF80 filtered (0.4 µm) and lyophilized from 0.5mg/ml in 30mM acetate buffer, pH-4. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to add 0.1M Acetate buffer pH-4 to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**