

## Recombinant Human C19ORF80 Protein

Catalog #	Source	Reactivity	Applications
CRP1142	Human cells	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human C19ORF80 Protein is produced by our mammalian expression system and the target gene encoding Ala22-Ala198 is expressed with a Fc tag at the N-terminus.		
<b>Form</b>	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
<b>Gene Symbol</b>	C19ORF80		
<b>Alternative Names</b>	Angptl8; Betatrophin; Angiopoietin-like protein 8; Lipasin		
<b>Entrez Gene</b>	55908 (Human)		
<b>SwissProt</b>	Q6UXH0 (Human)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>CDKTHTCPPC PAPELLGGPS VFLFPPKPKD TLMISRTPEV TCVVVDVSHE DPEVKFNWYV            DGVEVHNAKT KPREEQYNST YRVVSVLTVL HQDWLNGKEY KCKVSNKALP APIEKTISKA            KGQPREPQVY TLPPSRDELTKNQVSLTCLV KGFYPSDIAV EWESNGQPEN NYKTTTPVLD            SDGSFFLYSK LTVDKSRWQQ GNVFSCSVMH EALHNHYTQK SLSLSPGKDD DDKAPMGGPE            LAQHEELTLL FHGTLQLGQA LNGVYRTTEG RLTKARNSLG LYGRTIELLG QEVSRRGRDAA            QELRASLLET QMEEDILQLQ AEATAEVLGE VAQAQKVLDR SVQRLEVQLR SAWLGPAYRE            FEVLKAHADK QSHILWALTG HVQRQRREMV AQQHRLRQIQ ERLHTAALPA</p>		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

## Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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