



# AVISCERA BIOSCIENCE

## MOUSE AGOUTI RELATED PROTEIN (AGRP) FC RECOMBINANT

### Product Information

Code	00259-03-10
Name	Mouse AGRP/ Fc Rec.
Lot No.	
Size	10 µg
Species	Mouse
Sequence	Ser82-Thr131
Protein ID	NP_0031453.1
Gene ID	NM_007427.3
MW	34 KD (Reduce)
Tag	Fc Tag
Source	HEK293
Purity	>90 % in SDS- PAGE gel PBS lyophilized
Formulation	Form without preservatives
Carry	N/A
Storage	-20 °C ~ -70 °C
Reconstitu on	100 µl

### Description

A DNA sequence encoding the Mouse Agouti Related Protein (AGRP) (82-131) was expressed with Fc of the human IgG1 Tag on its C-Terminus. The recombinant mouse AGRP /Fc is a disulfide-linked homodimer. The reduced monomer comprises 310 amino acids and has a predicted molecular mass of 34 KDa. The apparent molecular mass of the protein is approximately 34 KDa in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized 10 µg of Mouse AGRP (82-131)/ Fc recombinant in 50 µl of PBS, pH 7.4 .

### Reconstitution & Storage

Add 100 µl PBS, pH 7.4 to the vial to prepare a working stock solution at 100 µg/mL . Allow to set at least 30 minutes at 4 ° C, mix well.

Store lyophilized protein at -20 °C or -70 °C. Lyophilized protein is stable for up to 6 months from date of receipt at -20 °C to -70 °C. Upon reconstitution, this protein can be stored at -20 °C for a few weeks or at -70 °C in a manual defrost freezer for long term storage (12 months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

**Sequence:** Mouse AGRP (82-131) Fc

**Endotoxin:** < 1.0 EU per µg of the protein as determined by the LAL method.

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