

## Recombinant Human AGRP Protein, His-tagged

Cat. No. AGRP-94H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human AGRP Protein (Gly20-Ser130) with N-His tag was expressed in 293F.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gly20-Ser130
<b>Description</b>	This gene encodes an antagonist of the melanocortin-3 and melanocortin-4 receptor. It appears to regulate hypothalamic control of feeding behavior via melanocortin receptor and/or intracellular calcium regulation, and thus plays a role in weight homeostasis. Mutations in this gene have been associated with late on-set obesity.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 13.8 kDa Accurate Molecular Mass: 16 kDa
<b>Purity</b>	> 95%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Storage Buffer**

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

**Gene Name**

AGRP agouti related protein homolog (mouse) [ Homo sapiens (human) ]

**Official Symbol**

AGRP

**Synonyms**

AGRP; agouti related protein homolog (mouse); agouti (mouse) related protein; agouti-related protein; Agrt; ART; ASIP2; AGRT

**Gene ID**

181

**mRNA Refseq**

NM\_001138

**Protein Refseq**

NP\_001129

**MIM**

602311

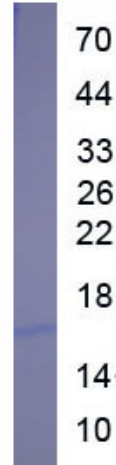
**UniProt ID**

O00253

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