

Recombinant Human AGRP, His-tagged

Cat. No. AGRP-9483H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AGRP protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-113a.a.
Description	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.
Source	E.coli
Species	Human
Tag	His
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

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GENE INFORMATION

Gene Name	AGRP agouti related protein homolog (mouse) [Homo sapiens]
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
Chromosome Location	16q22
Pathway	Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Syndecan-3-mediated signaling events, organism-specific biosystem;
Function	neuropeptide hormone activity; receptor binding;

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