Recombinant Human AGRP Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. AGRP-5468H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	AGRP MS Standard C13 and N15-labeled recombinant protein (NP_001129) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	14.4 kDa
AA Sequence	MLTAAVLSCALLLALPATRGAQMGLAPMEGIRRPDQALLPELPGLGLRAPLKKTTAE QAEEDLLQEAQALAEVLDLQDREPRSSRRCVRLHESCLGQQVPCCDPCATCYCRF FNAFCYCRKLGTAMNPCSRTTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

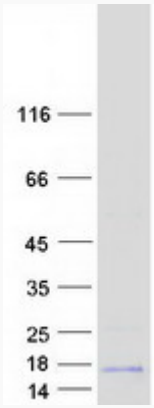
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Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	AGRP agouti related neuropeptide [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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SDS-PAGE	

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