

Product datasheet for **TP317144**

AGRP (NM_001138) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human agouti related protein homolog (mouse) (AGRP), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217144 protein sequence Red =Cloning site Green =Tags(s)
	 MLTAAVLSCALLLALPATRGAQMGLAPMEGIRRPDQALLPELPGLGLRAPLKTTAEQAEEDLLQEAQAL AEVLDLQDREPRSSRRCVRLHESCLGQQVPCCDPCATCYCRFFNAFCYCRKLG TAMNPCSRT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	12.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_001129</u>
Locus ID:	181
UniProt ID:	<u>O00253</u> , <u>C6SUN5</u>
RefSeq Size:	783



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Cytogenetics: 16q22.1

RefSeq ORF: 396

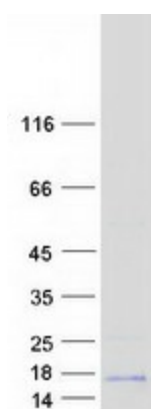
Synonyms: AGRT; ART; ASIP2

Summary: 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. [provided by RefSeq, Dec 2009]

Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Adipocytokine signaling pathway

Product images:



Coomassie blue staining of purified AGRP protein (Cat# TP317144). The protein was produced from HEK293T cells transfected with AGRP cDNA clone (Cat# [RC217144]) using MegaTran 2.0 (Cat# [TT210002]).