

## Product datasheet for **AR51838PU-N**

### Agouti-related protein / AGRP (21-132, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Agouti-related protein / AGRP (21-132, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHEMAQMGL APMEGIRRPD QALLPELPGL GLRAPLKKT AEQAEEDLLQ EAQALAEVLD LQDREPRSSR RCVRLHESCL GQQVPCCDPC ATCYCRFFNA FCYCRKLGTA MNPCSR
Tag:	His-tag
Predicted MW:	15.1 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl (pH 8.5) containing 20% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human AGRP, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001129</a>
Locus ID:	181
UniProt ID:	<a href="#">O00253</a> , <a href="#">C6SUN5</a>
Cytogenetics:	16q22.1
Synonyms:	AGRT; ART; ASIP2



[View online »](#)

**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:**

