

Product datasheet for AR51838PU-N

OriGene Technologies, Inc.

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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 MGSHMAQMGL APMEGIRRPD QALLPELPGL GLRAPLKKTT

AEQAEEDLLQ EAQALAEVLD LQDREPRSSR RCVRLHESCL GQQVPCCDPC ATCYCRFFNA

FCYCRKLGTA MNPCSRT

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.

RefSeg: NP 001129

Locus ID: 181

UniProt ID: <u>000253</u>, <u>C6SUN5</u>

Cytogenetics: 16q22.1

Synonyms: AGRT; ART; ASIP2





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Summary: This gene encodes an antagonist of the melanocortin-3 and melanocortin-4 receptor. It

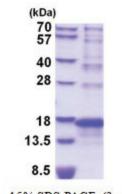
appears to regulate hypothalamic control of feeding behavior via melanocortin receptor and/or intracellular calcium regulation, and thus plays a role in weight homeostasis. Mutations in this gene have been associated with late on-set obesity. [provided by RefSeq,

Dec 2009]

Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Adipocytokine signaling pathway

Product images:



15% SDS-PAGE (3ug)