

# Product datasheet for PA503X

## **Agouti-related protein / AGRP Human Protein**

### **Product data:**

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product Type:	Recombinant Proteins
Description:	Agouti-related protein / AGRP human protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MKHHHHHHHM LVPRGSAQMG LAPMEGIRRP DQALLPELPG LGLRAPLKKT TAEQAEEDLL QEAQALAEVL DLQDREPRSS RRCVRLHESC LGQQVPCCDP CATCYCRFFN AFCYCRKLGT AMNPCSRT
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Lyophilized purified protein Buffer System: 5 mM TRIS, 25 mM NaCl, pH 7.5
Reconstitution Method:	Restore with deionized water
Preparation:	Lyophilized purified protein
Applications:	ELISA. Western Blot.
Protein Description:	Total 128 AA. MW: 14.4 kDa (calculated). N-Terminal His-tag, 16 extra AA (highlighted).
Storage:	Store lyophilized (preferably in a desiccator) at -20°C and in aliquots at -80°C. Reconstituted antibody can be stored at 4°C for a limited period of time; it does not show decline in activity after two weeks at 4°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP 001129</u>
Locus ID:	181
UniProt ID:	<u>000253, C6SUN5</u>
Cytogenetics:	16q22.1
Synonyms:	AGRT; ART; ASIP2

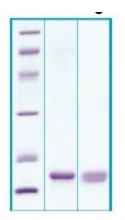


This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

	Agouti-related protein / AGRP Human Protein – PA503X
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 Familie	s: Druggable Genome, Secreted Protein

**Protein Pathways:** Adipocytokine signaling pathway

### **Product images:**



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US