

**Agouti-Related Protein (AGRP)(54-82)(Human)**  
**Synthetic Peptide**  
**Catalog # SP3201b****Specification**

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**Agouti-Related Protein (AGRP)(54-82)(Human) - Product Information**Primary Accession  
Sequence[O00253](#)  
NH2-TTAEQAEEDLLQEAQALAEVLDLQDREPR-  
COOH**Agouti-Related Protein (AGRP)(54-82)(Human) - Additional Information****Gene ID** 181**Other Names**

Agouti-related protein, AGRP, AGRT, ART

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**Agouti-Related Protein (AGRP)(54-82)(Human) - Protein Information****Name** AGRP**Synonyms** AGRT, ART**Function**

Plays a role in weight homeostasis. Involved in the control of feeding behavior through the central melanocortin system. Acts as alpha melanocyte-stimulating hormone antagonist by inhibiting cAMP production mediated by stimulation of melanocortin receptors within the hypothalamus and adrenal gland. Has very low activity with MC5R (By similarity). Is an inverse agonist for MC3R and MC4R being able to suppress their constitutive activity. It promotes MC3R and MC4R endocytosis in an arrestin-dependent manner.

**Cellular Location**

Secreted. Golgi apparatus lumen

**Tissue Location**

Expressed primarily in the adrenal gland, subthalamic nucleus, and hypothalamus, with a lower level of expression occurring in testis, lung, and kidney

## **Agouti-Related Protein (AGRP)(54-82)(Human) - Images**