

Agouti-Related Protein (AGRP)(25-51)(Human)
Synthetic Peptide
Catalog # SP2916a**Specification**

Agouti-Related Protein (AGRP)(25-51)(Human) - Product InformationPrimary Accession
Sequence[O00253](#)
NH2-LAPMEGIRRPDQALLPELPGLGLRAPL-CO
OH**Agouti-Related Protein (AGRP)(25-51)(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)(25-51)(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)(25-51)(Human) - Images