

Agouti-related protein Recombinant Protein | AGRP recombinant protein

Recombinant Human Agouti-related protein

CATALOG # AAA114835	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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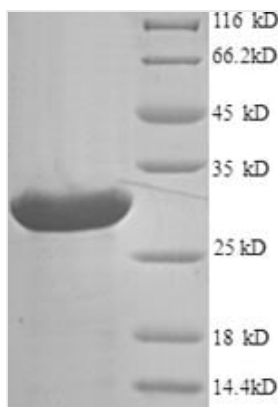
PRODUCT SYNONYMS

Agouti-related protein; Recombinant Human Agouti-related protein; AGRP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	21-132. Full length of the mature protein.
Sequence	AQMGLAPMEG IRRPDQALLP ELPGLGLRAP LKKTAEQAE EDLLQEAQAL AEVLDLQDRE PRSSRRCVRL HESCLGQQVP CCDPCATCYC RFFNAFCYCR KLGTAMNPCS RT
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for AGRP recombinant protein	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. 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.
Product Categories/Family for AGRP recombinant protein	Cardiovascular

References

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NCBI AND UNIPROT INFORMATION

NCBI GeneID	181
UniProt Accession #	O00253; O15459; Q2TBD9
Molecular Weight	28.5 kDa
NCBI Official Synonym Full Names	agouti related neuropeptide
NCBI Official Symbol	AGRP
NCBI Official Synonym Symbols	ART; AGRT; ASIP2
NCBI Protein Information	agouti-related protein
UniProt Protein Name	Agouti-related protein
UniProt Gene Name	AGRP
UniProt Synonym Gene Names	AGRT; ART
UniProt Entry Name	AGRP_HUMAN

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