

Agouti Related Protein (AGRP) Protein | AGRP protein

Eukaryotic Agouti Related Protein (AGRP)

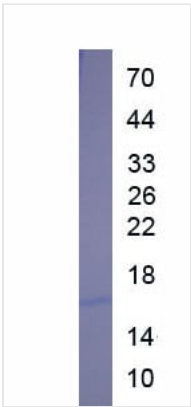
CATALOG # AAA150613	HOST 293F cells	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Agouti Related Protein (AGRP); Eukaryotic Agouti Related Protein (AGRP); Agouti Related Protein; AGRT; ASIP2; ART; Agouti-Related Peptide; AGRP protein

PRODUCT SPECIFICATIONS

Host	293F cells
Purity/Purification	>95%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Gly20~Ser1 30
Applicable Applications for AGRP protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Eukaryotic expression
Species	Human
Tag	N-terminal His Tag
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	5.9
Subcellular Location	Secreted
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Sequence

GAQNGLPNEGIRRRDQALLPELPGGLRAPLKKTTAEQEEEDLLQEAQALAEVLDLQDREPRSSRRICVRLHESCLGQQVPCDPCATC
YCRFFNAFCYCRKLGTAWPCS

SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for AGRP protein	Signal transduction; Metabolic pathway; Neuro science; Hormone metabolism; Eukaryotic proteins/EP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4501995
NCBI GeneID	181
NCBI Accession #	NP_001129.1
NCBI GenBank Nucleotide #	NM_001138.1
UniProt Accession #	O00253; O15459; Q2TBD9
Molecular Weight	14,440 Da
NCBI Official Full Name	agouti-related protein
NCBI Official Synonym Full Names	agouti related protein homolog (mouse)
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

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.