

Datasheet for ABIN1046485

AGRP Protein (AA 83-132, partial) (GST tag)[Go to Product page](#)**1** Image**3** Publications

Overview

Quantity:	100 µg
Target:	AGRP
Protein Characteristics:	AA 83-132, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This AGRP protein is labelled with GST tag.
Application:	ELISA

Product Details

Sequence:	SSRRCVRLHE SCLGQQVPCC DPCATCYCRF FNAFCYCRKL GTAMNPCSRT
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	90 %

Target Details

Target:	AGRP
Alternative Name:	Agouti-related protein (AGRP Products)
Background:	Plays a role in weight homeostasis. Plays a role in the central control of feeding. Reduces food intake. Inhibits cAMP production mediated by stimulation of melanocortin receptors within the hypothalamus and adrenal gland. Acts primarily on MC3R and MC4R. Has very low activity with

Target Details

	MC5R By similarity.
Molecular Weight:	33.1 kD
UniProt:	O00253
Pathways:	Feeding Behaviour , Photoperiodism

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

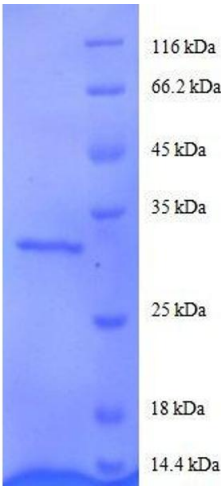
Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C for extended storage, conserve at -20 °C or -80 °C

Publications

Product cited in:	Shukla, Swaroop, Srivastava, Weissman: "The mRNA of a human class I gene HLA G/HLA 6.0 exhibits a restricted pattern of expression." in: Nucleic acids research , Vol. 18, Issue 8, pp. 2189 , (1990) (PubMed).
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Geraghty, Koller, Orr: "A human major histocompatibility complex class I gene that encodes a protein with a shortened cytoplasmic segment." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 84, Issue 24, pp. 9145-9, (1988) ([PubMed](#)).

Images



SDS-PAGE

Image 1. Agouti Related Protein Homolog (Mouse) (AGRP) (AA 83-132), (partial) protein (GST tag)