

Datasheet for ABIN1612290
Arc Protein (AA 1-396) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Arc
Protein Characteristics:	AA 1-396
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Arc protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MELDHMTTGG LHAYPAPRGG PAAKPNVILQ IGKCRAEMLE HVRRTHRHLL TEVSKQVERE</p> <p>LKGLHRSVGK LENNLDGYVP TGDSQRWKKS IKACLCRCQE TIANLERWVK REMHVVREVF</p> <p>YRLERWADRL ESMGGKYPVG SEPARHTVSV GVGGPPEYQC EADGYDYTVS PYAITPPAA</p> <p>GELPEQESVG AQQYQSWVPG EDGQPSPGVD TQIFEDPREF LSHLEEYLRQ VGGSEEWLS</p> <p>QIQNHMNGPA KKWWFEKQGS VKNWVEFKKE FLQYSEGTLT REAIQRELDL PQKQGEPLDQ</p> <p>FLWRKRDLYQ TLYVDAEEEE IIQYVVGTLQ PKFKRFLRHP LPKTLEQLIQ RGMEVQDGL</p> <p>QAAEPSVTPL PTEDETEALT PALTSESVAS DRTQPE</p>
Specificity:	Rattus norvegicus (Rat)
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:	Arc
Abstract:	Arc Products
Background:	Recommended name: Activity-regulated cytoskeleton-associated protein. Alternative name(s): ARC/ARG3.1 Activity-regulated gene 3.1 protein. Short name= Arg3.1
UniProt:	Q63053

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.