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Datasheet for ABIN1610748

ARR3 Protein (AA 1-389) (His tag)

Overview

Quantity:	1 mg
Target:	ARR3
Protein Characteristics:	AA 1-389
Origin:	Rana pipiens
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARR3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MADGSKVFKK TSPDGKITVY LAKRDYVDHV EFVEPVDGMI VIDPEYQKEK KVFVTMTCAF RYGRDDMELI GLSFRKDIYV QSCQVHPPLP GEKKALTPLQ EKLKAKLGAN AFPFSFNMAT NLPCSVTLQP GPEDSGKACG VDFEVKGFVG DDVEEKVSKK NVARLIIRKV QYAPETAGAA PHAEITKQFM MSDKPLQLEA SLNKEIHYHG EPIIVNVKIN NSTNKIVKKI KITVEQITDV VLYSLDKYTK VVCCEEMNDT VAANSAFTKA YQVTPLLANN TEKRLALDG KLKHGDTNLA SSTTLRPGMD KEVMGILVSY KIRVNLMSR GGILGDLISS DVSVELPLIL MHPKPAEGTT SAEDVVIEEF ARQKLQGEQD DDEDKEEAS
Specificity:	Rana pipiens (Northern leopard frog)
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:	ARR3
Alternative Name:	Arrestin-C (arr3) (ARR3 Products)
Background:	Recommended name: Arrestin-C. Alternative name(s): Cone arrestin
UniProt:	P51482
Pathways:	Phototransduction , Thromboxane A2 Receptor Signaling

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 modified 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.