Datasheet for ABIN7583545

beta Arrestin 1 Protein (AA 1-418) (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	beta Arrestin 1 (ARRB1)
Protein Characteristics:	AA 1-418
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This beta Arrestin 1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MGDKGTRVFK KASPNGKLTV YLGKRDFVDH IDLVDPVDGV VLVDPEYLKE RRVYVTLTCA FRYGREDLDV LGLTFRKDLF VANVQSFPPA PEDKKPLTRL QERLIKKLGE HAYPFTFEIP PNLPCSVTLQ PGPEDTGKAC GVDYEVKAFC AENLEEKIHK RNSVRLVIRK VQYAPERPGP QPTAETTRQF LMSDKPLHLE ASLDKEIYYH GEPISVNVHV TNNTNKTVKK IKISVRQYAD ICLFNTAQYK CPVAMEEADD TVAPSSTFCK VYTLTPFLAN NREKRGLALD GKLKHEDTNL ASSTLLREGA NREILGIIVS YKVKVKLVVS RGGLLGDLAS SDVAVELPFT LMHPKPKEEP PHREVPESET PVDTNLIELD TNDDDIVFED FARQRLKGMK DDKDEEDDGT GSPHLNNR
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	beta Arrestin 1 (ARRB1)
Alternative Name:	Beta-arrestin-1 (Arrb1) (ARRB1 Products)
Background:	Recommended name: Beta-arrestin-1. Alternative name(s): Arrestin beta-1
UniProt:	P29066
Pathways:	Positive Regulation of Peptide Hormone Secretion, Nuclear Hormone Receptor Binding, cAMP Metabolic Process, Myometrial Relaxation and Contraction, Synaptic Membrane, Regulation of G-Protein Coupled Receptor Protein Signaling, Phototransduction

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 modificated 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.