Datasheet for ABIN7583546

Arrestin 3 Protein (AA 1-410) (His tag)

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Overview

Quantity:	100 µg
Target:	Arrestin 3 (ARRB2)
Protein Characteristics:	AA 1-410
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Arrestin 3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MGEKPGTRVF KKSSPNCKLT VYLGKRDFVD HLDKVDPVDG VVLVDPDYLK DRKVFVTLTC AFRYGREDLD VLGLSFRKDL FIATYQAFPP MPNPPRPPTR LQDRLLKKLG QHAHPFFFTI PQNLPCSVTL QPGPEDTGKA CGVDFEIRAF CAKSIEEKSH KRNSVRLIIR KVQFAPETPG PQPSAETTRH FLMSDRRSLH LEASLDKELY YHGEPLNVNV HVTNNSAKTV KKIRVSVRQY ADICLFSTAQ YKCPVAQLEQ DDQVSPSSTF CKVYTITPLL SDNREKRGLA LDGQLKHEDT NLASSTIVKE GANKEVLGIL VSYRVKVKLV VSRGGDVSVE LPFVLMHPKP HDHITLPRPQ SAPREIDIPV DTNLIEFDTN YATDDDIVFE DFARLRLKGM KDDDCDDQFC
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:	Arrestin 3 (ARRB2)
Alternative Name:	Beta-arrestin-2 (Arrb2) (ARRB2 Products)
Background:	Recommended name: Beta-arrestin-2. Alternative name(s): Arrestin beta-2
UniProt:	P29067
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway, Regulation of Intracellular Steroid Hormone Receptor Signaling, cAMP Metabolic Process, Myometrial Relaxation and Contraction, Regulation of Leukocyte Mediated Immunity, Synaptic Membrane, Regulation of G-Protein Coupled Receptor Protein Signaling, CXCR4-mediated Signaling Events, 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 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

Handling

Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.