Datasheet for ABIN7583369

ADRBK2 Protein (AA 1-688) (His tag)

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Overview

Quantity:	100 µg
Target:	ADRBK2
Protein Characteristics:	AA 1-688
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADRBK2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MADLEAVLAD VSYLMAMEKS KATPAARASK KVVLPEPSIR SVMQRYLAER NEITFDKIFN QKIGFLLFKD FCLNEIGEAV PQVKFYEEIK EYEKLDNEED RLHRSRQMYD AYIMRELLSS THQFSKQAVE HVQSHLSKKQ VTPTLFQPYI EEICESLRGD IFQKFMESEK FTRFCQWKNV ELNIHLSMND FSVHRIIGRG GFGEVYGCRK ADTGKMYAMK CLDKKRVKMK QGETLALNER IMLSLVSTGD CPFIVCMTYA FHTPDKLCFI LDLMNGGDMH YHLSQHGVFS EKEMRFYASE IILGLEHMHT CFVVYRDLKP ANILLDEYGH VRISDLGLAC DFSKKKPHAS VGTHGYMAPE VLQKGTCYDS SADWFSLGCM LFKLLRGHSP FRQHKTKDKH EIDRMTLTVN VQLPDAFSPE LRSLLEGLLQ RDVSQRLGCY GGGARELKEH IFFKGIDWQY VYLRKYPPPL IPPRGEVNAA DAFDIGSFDE EDTKGIKLLD CDQDLYKNFP LMISERWQQE VVETIYDAVN AETDKIEARK KAKNKQLCQE EDYAMGKDCI MHGYMLKLGN PFLTQWQRRY FYLFPNRLEW RGEGESRQNL LTMEQIMSVE ETQIKDRKCI LLRVKGGKQF VLQCESDPEF AQWLKELTCT FNEAQRLLRR APKFLNKPRA AILEFSKPPL CHRNSSGL

Product Details

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:	ADRBK2
Alternative Name:	Beta-adrenergic receptor kinase 2 (Adrbk2) (ADRBK2 Products)
Background:	Recommended name: Beta-adrenergic receptor kinase 2. Short name= Beta-ARK-2. EC= 2.7.11.15. Alternative name(s): G-protein-coupled receptor kinase 3
UniProt:	P26819
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling, 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

Handling

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.