Datasheet for ABIN1654719

ACTR3 Protein (AA 1-428) (His tag)

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Overview

Quantity:	1 mg
Target:	ACTR3
Protein Characteristics:	AA 1-428
Origin:	Oryza sativa
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACTR3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MDAASRPAVV IDNGTGYTKM GFAGNVEPCF ITPTVVAVND TFAGQTRANT TKGNWMAQHS AGVMADLDFF IGEDALARSR SSNTYNLSYP IHNGQVENWD TMERFWQQCI FNYLRCDPED HYFLLTESPL TPPETREYTG EIMFETFNVP GLYIACQPVL ALAAGYTTTK CEMTGVVVDV GDGATHIVPV ADGYVIGSSI RSIPITGKDV TQFIQQLLKE RGEHIPPEES FDVARRVKEM YCYTCSDIVK EFNKHDREPN KYIKHWSGIK PKTGAKYTCD IGYERFLGPE IFFHPEIYNN DFTTPLHVVI DKCIQSSPID TRRALYKNIV LSGGSTMFKD FHRRLQRDLK KIVDARVLAS NARLGGDAKA QPIEVNVVSH PIQRYAVWFG GSVLASTAEF YEACHTKAEY EEYGASICRT NPVFKGMY
Specificity:	Oryza sativa subsp. indica (Rice)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	ACTR3
Alternative Name:	Actin-related protein 3 (ARP3) (ACTR3 Products)
Background:	Recommended name: Actin-related protein 3
UniProt:	A2X6S3
Pathways:	RTK Signaling, Regulation of Actin Filament Polymerization

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.