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Datasheet for ABIN1478205

ACTR3 Protein (AA 1-449) (His tag)

Overview

Quantity:	1 mg
Target:	ACTR3
Protein Characteristics:	AA 1-449
Origin:	Saccharomyces cerevisiae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACTR3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSYLNPAVV MDNGTGLTKL GFAGNDSPSW VFPTAIATAA PSNTKKSSGV GAPSAVSNEA SYFGNSTSAT NFNGATGGLL SNNLSGKRG T EDLDFYIGNE ALVASQGPSY SLSYPIRHGQ VENWDHMERF WENSIFKYLR TEPEDHFFLL TEPPLNPPEN REQVAEIFFE SFNCAGLYIA VQAVLALAAS WTSSKVTDRS LTGTVIDSGD GVTHVIPVAE GYVIGSAIKN IPIAGRDITL FIQSLLRERG EADTSLRTAE KIKQEYCYVC PDIVKEFNKF DKDPSKFAQF VVENQEKTRR KVVDIGYERF LAPEIFFNPE IASSDFLTPL PTVDVQTIQA CPIDVRKGLY NNIVLSGGST MFKDFGRRLQ RDLKSIVNNR IAQSELLSGT KSTGVDVSVI SHRKQRNAVW FGGSLLAQTA EFKGYCHTKK DYEEYGPEIV RNFSLFNMV
Specificity:	Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Bakers yeast)
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.

Product Details

Purity: > 90 %

Target Details

Target: ACTR3

Alternative Name: Actin-related protein 3 (ARP3) ([ACTR3 Products](#))

Background: Recommended name: Actin-related protein 3.
Alternative name(s): Actin-like protein ARP3.
Short name= Actin-like protein 3

UniProt: [P47117](#)

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 modiflicated 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.