Datasheet for ABIN7583528

ARHGEF7 Protein (AA 1-646) (His tag)

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Overview

Quantity:	100 µg
Target:	ARHGEF7
Protein Characteristics:	AA 1-646
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARHGEF7 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTDNANSQLV VRAKFNFQQT NEDELSFSKG DVIHVTRVEE GGWWEGTHNG RTGWFPSNYV REIKPSEKPV SPKSGTLKSP PKGFDTTAIN KSYYNVVLQN ILETEHEYSK ELQSVLSTYL WPLQTSEKLS SANTSYLMGN LEEISSFQQV LVQSLEECTK SPEAQQRVGG CFLSLMPQMR TLYLAYCANH PSAVSVLTEH SEDLGEFMET KGASSPGILV LTTGLSKPFM RLDKYPTLLK ELERHMEDYH PDRQDIQKSM TAFKNLSAQC QEVRKRKELE LQILTEPIRS WEGDDIKTLG SVTYMSQVTI QCAGSEEKNE RYLLLFPNLL LMLSASPRMS GFIYQGKLPT TGMTITKLED SENHRNAFEI SGSMIERILV SCNNQQDLHE WVEHLQRQTK VTSVSNPTIK PHSVPSHTLP SHPLTPSSKH ADSKPVALTP AYHTLPHPSH HGTPHTTISW GPLEPPKTPK PWSLSCLRPA PPLRPSAALC YKEDLSRSPK TMKKLLPKRK PERKPSDEEF AVRKSTAALE EDAQILKVIE AYCTSAKTRQ TLNSSSRKES APQVLLPEEE KIIVEETKSN GQTVIEEKSL VDTVYALKDE VQELRQDNKK MKKSLEEEQR ARKDLEKLVR KVLKNMNDPA WDETNL
Specificity:	Rattus norvegicus (Rat)

Product Details

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:	ARHGEF7
Alternative Name:	Rho guanine nucleotide exchange factor 7 (Arhgef7) (ARHGEF7 Products)
Background:	Recommended name: Rho guanine nucleotide exchange factor 7. Alternative name(s): Beta-Pix PAK-interacting exchange factor beta
UniProt:	O55043
Pathways:	EGFR Signaling Pathway, Neurotrophin Signaling Pathway, EGFR Downregulation

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

Handling

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