

Datasheet for ABIN7585832

RASGRP2 Protein (AA 1-608) (His tag)



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Overview

Quantity:	100 µg
Target:	RASGRP2
Protein Characteristics:	AA 1-608
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RASGRP2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MASTLDLDKG CTVEELLRGC IEAFDDSGKV RDPQLVRMFL MMHPWYIPSS QLASKLLHFY</p> <p>QQSRKDNSNS LQVKTCHLVR YWVSAPFAEF DLNPELAEQI KELKALLDQE GNRRHSSLID</p> <p>IESVPTYKWK RQVTQRNPVE QKKRKMSLLF DHLEPMELAE HLTYLEYRSF CKILFQDYHS</p> <p>FVTHGCTVDN PVLERFISLF NSVSQWVQLM ILSKPTATQR ALVITHFVHV AEKLLQLQNF</p> <p>NTLMAVVGGL SHSSISRLKE THSHVSPDTI KLWEGLTEL V TATGNYSNYR RRLAACVGFR</p> <p>FPILGVHLKD LVALQLALPD WLDPGRTRLN GAKMRQLFSI LEELAMVTS L RPPVQANPDL</p> <p>LSLLTVSLDQ YQTEDELYQL SLQREPRSKS SPTSPTSCTP PPRPPVLEEW TSVAKPKLDQ</p> <p>ALVAEHIEKM VESVFRNFDV DGDGHISQEE FQIRGNFPY LSAFGDLDQN QDGCISREEM</p> <p>ISYFLRSSSV LGGRMGFVHN LQESNSLRPV ACRHCKALIL GIYKQGLKCR ACGVNCHKQC</p> <p>KDRLSVECRR RAQSVSLEGS APSPSPHTTH HRAFSFSLPR PGRRSSRPPE IREEEVQTV E</p> <p>DGVFDIHL</p>
Specificity:	Rattus norvegicus (Rat)

Product Details

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.
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Purity:	> 90 %
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Target Details

Target:	RASGRP2
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Alternative Name:	RAS guanyl-releasing protein 2 (Rasgrp2) (RASGRP2 Products)
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Background:	Recommended name: RAS guanyl-releasing protein 2. Alternative name(s): Calcium and DAG-regulated guanine nucleotide exchange factor I. Short name= CalDAG-GEFI
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UniProt:	P0C643
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Pathways:	TCR Signaling
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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 modified 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.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Concentration:	0.2-2 mg/mL
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Buffer:	Tris-based buffer, 50 % glycerol
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Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to
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Handling

one week

Storage: -20 °C

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