Datasheet for ABIN7589900

Lsg1 Protein (AA 1-655) (His tag)

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Overview

Quantity:	100 µg
Target:	Lsg1
Protein Characteristics:	AA 1-655
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Lsg1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MGRRRAPGGG SLGRVLIRHQ TQRSRSHRHT DSWLHTSELN DGYDWGRLNL QSVTEQSSLE DFLATAELAG TEFVAEKLNI KFVPPEARTG LLSFEESQRI KRLHEENRQF LCIPRRPNWD RKTSPEELKQ AEKDNFLKWR RQLVRLEEEQ KLILTPFERN LDFWRQLWRV IERSDIVVQI VDARNPLLFR CEDLECYVKE IDAAKENVIL INKADLLTAE QRVAWAVHFE KEGVKVIFWS ALAETVHLNG DSKDEVNSVA GEANSSESED SSLDGNEIPH RDLFLLSEES ESDDDDSEYE DCQEDEEEDW QTCSEEDSNP EEGQEEGGCD RDQKEHGPED SEAQSRASPE NSQMSNKSHL VSKQELLELF KKLHTGKKVK DGQLTVGLVG YPNVGKSSTI NTIMGNKKVS VSATPGHTKH FQTLYVEPGL CLCDCPGLVM PSFVSTKAEM ICSGILPIDQ MRDHVPPVSL VCQNIPRRVL EATYGINIIK PGEDEDPYRP PTSEELLTAY GCMRGFMTAH GQPDQPRSAR YILKDYVRGK LLYCHPPPGK DPVAFQHQHR QLLENKIKGE ELRLQPGKTQ KAKQVENVVD KTFFHQENVR ALTKGVQAVM GYKPGSGLVT AAAASAENVP GKPWKKHGNR NKKEKSRRLY RHLDV
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:	Lsg1
Abstract:	Lsg1 Products
Background:	Recommended name: Large subunit GTPase 1 homolog. EC= 3.6.1.-
UniProt:	Q5BJT6

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

Handling

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