Datasheet for ABIN7589834

LGI1 Protein (AA 35-533) (His tag)

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Overview

Quantity:	100 µg
Target:	LGI1
Protein Characteristics:	AA 35-533
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This LGI1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	KKPAKP KCPAVCTCTK DNALCENARS IPRTVPPDVI SLLFTSNSFD VISDDAFIGL PHLEYLFIEN NNIKSISRHT FRGLKSLIHL SLANNNLQTL PKDIFKGLDS LTNVDLRGNS FNCDCKLKWL VEWLSHTNAT VEDIYCEGPP EYKKRKINSL SSKDFDCIIT EFAKSQDLPY QSLSIDTFSY MNDEYVVIAQ PFTGKCIFLE WDHVEKTFRN YDNITGTSTV VCKPIVIETQ LYVIVAQLFG GSHIYKRDSF ANKFIKIQDI EILKIRKPND IETFKIENNW YFVVADSSKA GFTTIYKWNG NGFYSHQSLH AWYRDTDVEY LEIARTPQTL RTPHLILSSS SQRPVIYQWN KAIQLFTNQT DIPNMEDVYA VKHFSVKGDV YICLTRFIGD SKVMKWGGSS FQDIQRMPSR GSMVFQPLQI NNYQYAILGS DYSFTQVYNW DAEKAKFVKF QELNVQAPRS FTHVSINKRN FLFASSFKGN TQIYKHVIVD LSA
Specificity:	Bos taurus (Bovine)
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:	LGI1
Alternative Name:	Leucine-rich glioma-inactivated protein 1 (LGI1) (LGI1 Products)
Background:	Recommended name: Leucine-rich glioma-inactivated protein 1
UniProt:	Q5E9T6

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.