

[Go to Product page](#)

Datasheet for ABIN1653958

GPSM1 Protein (AA 1-673) (His tag)

Overview

Quantity:	1 mg
Target:	GPSM1
Protein Characteristics:	AA 1-673
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPSM1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MA SPAPPA AE ELP GPAARRL YSRMEASCLE LALEGERLCK AGDFKAGVAF FEA AVQVGTE DLK TLSAIYS QLG NAYFYLK EYARALQFHK HDLLARTIG DRMGEAKASG NLGNTLKV LG RFDEAIVCCQ RHL DIAEQEQG DKVGEARALY NIGNVYHAKG KQLSWNAAQD PGHLPPDVRE TLHRASEFYE RNLSLVKELG DR AAQGRAYG NLGNTHYLLG NFTEATTFHK ERLAIAKEFG DKAAERRAYS NLGNAHIFLG RFDVAAEHYK KTLQLSRQIR DQAVEAQACY SLGNTYTLLQ DYERAAEYHL RHLVIAQELA DRVGEGRACW SLGNAYVSMG SPAQALTFAK KHLQISQEIG DRNGELTARM NIAHLQLALG RLTSPAAAEK PDLAGYEAQG ARP KRTQRLS AETWDLRLP LDREQNGETH HTGDWRGPSR DSLPLPMRSR KYQEGPDAIE RRPREGSHSP LDSADVRVQV PRTGIPRAP SDEECFFDLL SKFQSSRMDD QRCPLEEGQA GAAEATAAPT LEERAAQPSV TASPQTEEFF DLIASSQSRR LDDQRASVGS LPGLRITLNN VGHLRGDGD P QEPGDEFFNM LIK YQSSRID DQRCPPPDVL PRGPTMPDED FFSLIQRVQA KRMDEQRVDL AGSPDQEASG LPDPRQQCPP GAS
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Product Details

Specificity:	Rattus norvegicus (Rat)
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.
Purity:	> 90 %

Target Details

Target:	GPSM1
Alternative Name:	G-protein-signaling modulator 1 (Gpsm1) (GPSM1 Products)
Background:	Recommended name: G-protein-signaling modulator 1. Alternative name(s): Activator of G-protein signaling 3
UniProt:	Q9R080
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling

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.
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

Handling

one week

Storage: -20 °C

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