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Datasheet for ABIN1475639
SGTA Protein (AA 1-314) (His tag)

Overview

Quantity:	1 mg
Target:	SGTA
Protein Characteristics:	AA 1-314
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SGTA protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MDNRKRLAYA IIQFLHGQLR HGGLSSDAQE SLEVAIQCLE TAFGVTLEDS DLALPQTLPE IFEAATASKE MPQDPRGPDR TPPSEEDSAE AERLKTEGNE QMKLENFEAA VHLYGKAIEL NPANAVYFCN RAAAYSKLGN YVGAVQDCER AIGIDPGYSK AYGRMGLALS SLNKHAEAVA YYKKALELDP DNNTYKSNLK IAEKLRAP SPTGGVGS LD IAGLLNNPHF ITMASSLMNS PQLQLMSGM ISGGHNPLGT PGSSPQHSDL ASLIQAGQQF AQQMQQNPE FVEQIRSQVV RSRTPSASHE EQQE
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:	SGTA
Alternative Name:	Small glutamine-rich tetratricopeptide repeat-containing protein alpha (Sgta) (SGTA Products)
Background:	Recommended name: Small glutamine-rich tetratricopeptide repeat-containing protein alpha. Alternative name(s): Alpha-SGT Small glutamine-rich protein with tetratricopeptide repeats 1
UniProt:	070593

Application Details

Comment:	<p>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.</p>
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.