Datasheet for ABIN1653925

GLUL Protein (AA 2-373) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	GLUL
Protein Characteristics:	AA 2-373
Origin:	Acomys cahirinus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GLUL protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	ATSASSHLN KGIKQMYMSL PQGEKVQAMY IWVDGTGEGL RCKTRTLDCE PKCVEELPEW NFDGSSTFQS EGSNSDMYLS PVAMFRDPFR KEPNKLVFCE VFKYNRKPAE TNLRHSCKRI MDMVSNQHPW FGMEQEYTLM GTDGHPFGWP SNGFPGPQGP YYCGVGADKA YGRDIVEAHY RACLYAGVKI TGTNAEVMPA QWEFQIGPCE GIRMGDHLWV ARFILHRVCE DFGVIATFDP KPIPGNWNGA GCHTNFSTKA MREENGLKYI EEAIDKLSKR HQYHIRAYDP KGGLDNARRL TGFHETSNIN DFSAGVANRG ASIRIPRTVG QEKRGYFEDR RPSANCDPYA VTEAIVRTCL LNETGNEPFQ YKN
Specificity:	Acomys cahirinus (Egyptian spiny mouse)
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:	GLUL
Alternative Name:	Glutamine synthetase (GLUL) (GLUL Products)
Background:	Recommended name: Glutamine synthetase. Short name= GS. EC= 6.3.1.2. Alternative name(s): Glutamate decarboxylase. EC= 4.1.1.15 Glutamate--ammonia ligase
UniProt:	Q9QY94
Pathways:	Positive Regulation of Peptide Hormone Secretion

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.