

Datasheet for ABIN7584470

## GLS2 Protein (AA 15-602) (His tag)



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### Overview

Quantity:	100 µg
Target:	GLS2
Protein Characteristics:	AA 15-602
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GLS2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>GSHGQR GGWGHPSRGP LLGGGVRYFF GEAAAQGRGT PHSHQPQHSD HDASNSGMLP</p> <p>RLGDLLFYTI AEGQERIPHI KFTTALKATG LQTSDPRLQD CMSKMQRMVQ ESSSGGLLDR</p> <p>ELFQKCVSSN IVLLTQAFRK KVIPDFEEF TGHVDRIFED AKELTGGKVA AYIPHLAKSN</p> <p>PDLWGVSLCT VDGQRHSVGH TKIPFCLQSC VKPLTYAISV STLGTDYVHK FVGKEPSGLR</p> <p>YNKLSLNEEG IPHNPMVNAG AIVVSLIKM DCNKAKEKDF VLQYLNKMAG NEFMGFSNAT</p> <p>FQSEKETGDR NYAIGYYLKE KKCFCPGVDM MAALDLYFQL CSVEVTCESG SVMAATLANG</p> <p>GICPITGESV LSAEAVRNTL SLMHSCGMVD FSGQFAFHVG LPAKSAVSGA ILLVVPNVMG</p> <p>MMCLSPPLDK LGNSHRGISF CQKLVSLENF HNYDNLRHCA RKLDPRREGG EVRNKTVVNL</p> <p>LFAAYSGDVS ALRRFALSAV DMEQKDYDSR TALHVAAAEG HIDVVKFLIE ACKVNPVVKD</p> <p>RWGNIPLDDA VQFNHLEVVK LLQDYHDSYM LSETQAEVAA ETLKENLES MV</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

## Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

Target: GLS2

Alternative Name: Glutaminase liver isoform, mitochondrial (Gls2) ([GLS2 Products](#))

Background: Recommended name: Glutaminase liver isoform, mitochondrial.  
Short name= GLS.  
EC= 3.5.1.2.  
Alternative name(s): L-glutaminase L-glutamine amidohydrolase

UniProt: [P28492](#)

Pathways: [Dicarboxylic Acid Transport](#), [Warburg Effect](#)

## 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 modiflicated 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

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