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## Datasheet for ABIN1612979 gGT6 Protein (AA 71-498) (His tag)

### Overview

Quantity:	1 mg
Target:	gGT6
Protein Characteristics:	AA 71-498
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This gGT6 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	SSLALRQLQG RNSPKGNLGP VDLPASRHS HPGVYHSAV ISPAATCSRL GQELLVAGGN VVDAGVGAAL CLAVVHPHAT GLGATFWGLF YNSSSGNSTA LTAGPAQILA PGLGLPTALP ALHLLHTHFG RLPWSHLLAK PAMLAQKGFE VDAPLASALA AQGTEGLCPL FCHTNGTPLG LGAQVTNP NL AAVLLREALA SSPDLVGNAL LNLLVRDLGL ELPSVQPKPS LEPALQLLLP QGVLF TTPGP SAGPELMGLL ESTLH SKTPS PASCSSLLQT AETPVSSALA TVDSHGSMML LTSSLNSSFG SGHLSPSTGV LLSNLEASSV PSTWACPLIL RGNLDDTEDD MLGLVASGIP RGAKAMACTL FNHL TTPQTQ QQVQHQAQQR PTESPGICGK EALLQVVVHA EHAQVSSIPS GCCPFQGY
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.

## Product Details

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Purity: > 90 %

## Target Details

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Target: gGT6

Abstract: [gGT6 Products](#)

Background: Recommended name: Gamma-glutamyltransferase 6.  
Short name= GGT 6.  
EC= 2.3.2.2.  
Alternative name(s): Gamma-glutamyltranspeptidase 6 Glutathione hydrolase 6.  
EC= 3.4.19.13 Cleaved into the following 2 chains: 1.  
Gamma-glutamyltransferase 6 heavy chain 2.  
Gamma-glutamyltransferase 6 light chain

UniProt: [Q6IE08](#)

## Application Details

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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

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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

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Storage: -20 °C

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