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Datasheet for ABIN1615611  
**GDA Protein (AA 1-454) (His tag)**

### Overview

Quantity:	1 mg
Target:	GDA
Protein Characteristics:	AA 1-454
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GDA protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MCAARRRELA LIFRGTFVHS TWTCPMEVLR DHLLGVSDSG KIVFLEESSQ QEKLAKIEWCF KPCEIRELSH HEFFMPGLVD THIHAPQYAF AGSNVDLPLL DWLNKYTFPT EKRFQSTDVA EEVYTRVRR TLKNGTTTAC YFGTIHTDSS LILAEITDKF GQRAFGKVC MDLNNTVPEY KETTEESVKE TERFVSEMLQ KNYSRVKPIV TPRFSLSCTE TLMSELGNIA KTHDLYIQSH ISENREEIEA VKSLYPGYKN YTDVYDKNNL LTNKTVMAHG CYLSEEELNV FSERGASIAH CPNSNLSLSS GLLNVLVDLHKV KIGLGT VAGGYSYSML DAIRRAVMVS NVLLINKVNE KSLTLKEVFR LATLGGSQAL GLDREIGNFE VGKDFDALLI NPRASDSPID LFCGDFVGGDI SEAVIQKFLY LGDDRNIIEV YVGGKQVVPF SSSV
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: GDA

Abstract: [GDA Products](#)

Background: Recommended name: Guanine deaminase.  
Short name= Guanase.  
Short name= Guanine aminase.  
EC= 3.5.4.3.  
Alternative name(s): Guanine aminohydrolase.  
Short name= GAH

UniProt: [Q9WTT6](#)

## 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 one week

## Handling

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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.