



[Go to Product page](#)

Datasheet for ABIN1613989

## GALT Protein (AA 1-497) (His tag)

### Overview

Quantity:	1 mg
Target:	GALT
Protein Characteristics:	AA 1-497
Origin:	Clostridium
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GALT protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MINHEINKLL AFSLKKGLIQ EDDKIYSSNM LAGLFNLDNF YFEEISDVPS TATAILNQLL</p> <p>AYAVKENLIN DTVAERDLFD TKIMNCVMMPR PSEVINNFNR LLNNSPKKEAT SYYYKLSIAS</p> <p>NYIRKDRIDK NITWKTPTTEY GDLDTINLS KPEKDPRIA KAKLSKSTSY PKCLLCKENE</p> <p>GFYGNINHPA RQTLRIIPLE LNKSKWFLQY SPYTYYNEHC IILNNEHIPM KISRITFENL</p> <p>LSFIDILPHY FAGSNADLPI VGGSILSHDH YQGGRYTFAM EKAPVEKEYS IKGYEDISVG</p> <p>RVKWPMSEVIR ISSKNKTKLI NLAEHILTSW RNYSDKTQSI LSHTGSEPHN TITPIARKRN</p> <p>EEYELDLVLR NNRTDENYPL GIFHPHNEVH HIKKENIGLI EVMGLAVLPA RLKSELALIK</p> <p>ENLIEKKKDI SNDSTISKHN TWYKYILDNY KNISEENIDC ILKKEVGIFK LEVLKHAGVF</p> <p>KRNSSGLSAF DKFINIL</p>
Specificity:	Clostridium acetobutylicum (strain ATCC 824 / DSM 792 / JCM 1419 / LMG 5710 / VKM B-1787)
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: GALT

Abstract: [GALT Products](#)

Background: Recommended name: Galactose-1-phosphate uridylyltransferase.  
Short name= Gal-1-P uridylyltransferase.  
EC= 2.7.7.12.  
Alternative name(s): UDP-glucose--hexose-1-phosphate uridylyltransferase

UniProt: [Q97EZ4](#)

## 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 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

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.