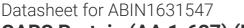
# antibodies .- online.com





## GARS Protein (AA 1-637) (His tag)



Go to Product pag

#### Overview

| Quantity:                     | 1 mg  |
|-------------------------------|---|
| Target:                       | GARS  |
| Protein Characteristics:      | AA 1-637                                    |
| Origin:                       | Rat   |
| Source:                       | Yeast                                       |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This GARS protein is labelled with His tag. |
| Application:                  | ELISA                                       |

#### **Product Details**

Sequence:

RVLEAKELAL QPKDDIVDRA KMEDTLKRRF FYDQAFAIYG GVSGLYDFGP VGCALKNNII
QTWRQHFIQE EQILEIDCTM LTPEPVLKTS GHVDKFADFM VKDVKNGECF RADHLLKAHL
QKLMSDKKCS AEKKSEMESV LAQLDNYGQQ ELADLFVNYN VKSPTTGNDL SPPVPFNLMF
QTFIGPGGNM PGYLRPETAQ GIFLNFKRLL EFNQGKLPFA AAQIGNSFRN EISPRSGLIR
VREFTMAEIE HFVDPTEKDH PKFPSVADLY LYLYSAKAQV TGQSARKMRL GDAVEQGVIN
NSVLGYFIGR IYLYLTKVGI SPDKLRFRQH MENEMAHYAC DCWDAESKTS YGWIEIVGCA
DRSCYDLSCH ARATKVPLVA EKPLKEPKTV NVVQFEPNKG AVGKAYKKDA KLVLEYLGAC
DECYITEMEL LLSEKGEFTI ETEGKTFQLT KDMVSVKRFQ KTLHVEEVVP SVIEPSFGLG
RIMYTILEHT FHVREGDEQR TFFSFPAVVA PFKCSVLPLS QNQEFMPFVK ELSEALTRNG
VSHKVDDSSG SIGRRYARTD EIGVAFGITI DFDTVNKTPH TATLRDRDSM RQIRAEVSEL
PSVVRDLANG NITWADVEAR YPLFEGQETG KKETVEE

Specificity: Rattus norvegicus (Rat)

# **Product Details** Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien Characteristics: cells or by baculovirus infection. Be aware about differences in price and lead time. Purity: > 90 % **Target Details GARS** Target: Glycine--tRNA ligase (Gars) (GARS Products) Alternative Name: Background: Recommended name: Glycine--tRNA ligase. EC= 6.1.1.14. Alternative name(s): Diadenosine tetraphosphate synthetase. Short name= AP-4-A synthetase Glycyl-tRNA synthetase. Short name= GlyRS UniProt: Q5I0G4 Pathways: Ribonucleoside Biosynthetic Process **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

Tris-based buffer, 50 % glycerol

Buffer:

### Handling

| 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.                                |