

Datasheet for ABIN7585829

## RARS Protein (AA 1-660) (His tag)



[Go to Product page](#)

### Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 100 µg                                      |
| Target:                       | RARS  |
| Protein Characteristics:      | AA 1-660                                    |
| Origin:                       | Rat   |
| Source:                       | Yeast                                       |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This RARS protein is labelled with His tag. |
| Application:                  | ELISA                                       |

### Product Details

|              |   |
|--------------|---|
| Sequence:    | <p>MDGLVAQCSA RLLQQEKEIK SLTAEIDRLK NCSYLEASPS LEQLREENLK LKYRLNILRR</p> <p>SLQAERKRPT KNMININSRL QELFGCAIKA AYPDLENPPL VVTPSQPKF GDYQCNSAMG</p> <p>ISQMLKAKEQ KVSPIEAEN ITKHLPNNEY IDRVEIAGPG FINVHLRKDF VSEQLTNLLV</p> <p>NGVQLPVLGE NEKVIVDFSS PNIKEMHVG HLRSTIIGES MSRLFEFAGY NVLRLNHVGD</p> <p>WGTQFGMLIA HLQDKFPDYL TVSPPIGDLQ AFYKESKKRF DTEEEFKKRA YECVLLQSK</p> <p>NPDIMKAWN L ICDVSREEFN KIYDALDITL IERGSEFYQD RMKDIVKEFE DKGFBVQVDDG</p> <p>RKIVFVPGCS VPLTIVKSDG GYTYDTSCLA AIKQRLFEEK ANKIYVVDN GQATHFQTVF</p> <p>AAAQMIGWYD PKVTRVAHVG FGVVLGEDKK KFKTRSGETV RLMDLLEEGL RRSMDKLKEK</p> <p>ERDKVLTEEE LKAAQTSVAY GCIKYADLSH NRLNDYVFSF DKMLDDRGNT AAYLLYAFTR</p> <p>IRSIARLANI DEEMLQRAAR ETKIILDHEK EWKLGRCLR FPEILQKILD DLFLHTLCDY</p> <p>IYELATTTFE FYDSCYCV EK DRQTGKVLKV NMWRMLLCEA VAAVMAKGFD ILGIKPVQRM</p> |
| Specificity: | Rattus norvegicus (Rat)   |

## Product Details

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| 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. |
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|         |        |
|---------|--------|
| Purity: | > 90 % |
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## Target Details

|         |      |
|---------|------|
| Target: | RARS |
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|                   |   |
|-------------------|---|
| Alternative Name: | Arginine--tRNA ligase, cytoplasmic (Rars) ( <a href="#">RARS Products</a> ) |
|-------------------|---|

|             |  |
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| Background: | Recommended name: Arginine--tRNA ligase, cytoplasmic.<br>EC= 6.1.1.19.<br>Alternative name(s): Arginyl-tRNA synthetase.<br>Short name= ArgRS |
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|          |                        |
|----------|------------------------|
| UniProt: | <a href="#">P40329</a> |
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## 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. |
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|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## Handling

|         |             |
|---------|-------------|
| Format: | Lyophilized |
|---------|-------------|

|                |             |
|----------------|-------------|
| Concentration: | 0.2-2 mg/mL |
|----------------|-------------|

|         |                                  |
|---------|----------------------------------|
| Buffer: | Tris-based buffer, 50 % glycerol |
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| Handling Advice: | Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week |
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Handling

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