



[Go to Product page](#)

## Datasheet for ABIN1613643 Arc Protein (AA 1-404) (His tag)

### Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg                                       |
| Target:                       | Arc  |
| Protein Characteristics:      | AA 1-404                                   |
| Origin:                       | Chicken                                    |
| Source:                       | Yeast                                      |
| Protein Type:                 | Recombinant                                |
| Purification tag / Conjugate: | This Arc protein is labelled with His tag. |
| Application:                  | ELISA                                      |

### Product Details

|                  |   |
|------------------|---|
| Sequence:        | <p>             MQLDNVTNAG IHSFQGHRGV ANKPNVILQI GKCRAEMLEH VRRTHRHLIS EVSKQVEREL<br/>             KGLQKSVGKL ENNLEDHVPT DNQRWKKSIK ACLARCQETI AHLERWVKRE MNVWKEVFFR<br/>             LEKWADRLES MGGKYCPGEH GKQTVSVGVG GPEIRPSEGE IYDYALDMSQ MYALTPAPGE<br/>             VPSIPQAHDS YQWVSVSEDA PASPVETQIF EDPHEFLSHL EEYLKQVGGT EEWLSQIQN<br/>             HMNGPAKKWW EYKQDSVKNW VEFKKEFLQY SEGTLTRDAI KRELDLPQKE GEPLDQFLWR<br/>             KRDLYQTLVY DADEEEIIQY VVGTLQPKL RFLSYPLPKT LEQLIRGKE VQGNMDHSEE<br/>             PSPQRTPEIQ SGDSVESMPP STTASPVPSN GTQPEPPSP ATVI           </p> |
| Specificity:     | Gallus gallus (Chicken)   |
| 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.  |
| Purity:          | > 90 %  |

## Target Details

|             |   |
|-------------|---|
| Target:     | Arc   |
| Abstract:   | <a href="#">Arc Products</a>  |
| Background: | Recommended name: Activity-regulated cytoskeleton-associated protein.<br>Alternative name(s): ARC/ARG3.1 Activity-regulated gene 3.1 protein homolog.<br>Short name= Arg3.1 |
| UniProt:    | <a href="#">Q8AWC3</a>  |

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