

## ADCY3 recombinant protein

Recombinant Human ADCY3

CATALOG #  
**AAA249426**

HOST  
**E Coli**

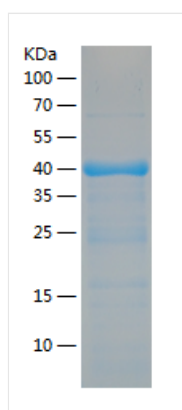
### PRODUCT SYNONYMS

ADCY3; Recombinant Human ADCY3; AC III; AC3; adenylate cyclase 3; Adenylate cyclase type 3; Adenylate cyclase type III; Adenylyl cyclase 3; ATP pyrophosphate lyase 3; KIAA0511; ADCY3 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli                                                                                                                                                                                                                                                                                                                                                                                 |
| Purity/Purification     | Greater than 95% as determined by SDS-PAGE                                                                                                                                                                                                                                                                                                                                             |
| Form/Format             | Lyophilized from a 0.2um filtered solution in 10 mM Hepes, 500 mM NaCl with 5% trehalose, pH 7.4                                                                                                                                                                                                                                                                                       |
| Sequence Positions      | 400-576                                                                                                                                                                                                                                                                                                                                                                                |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                  |
| Tag                     | N-terminal His-IF2DI tag                                                                                                                                                                                                                                                                                                                                                               |
| Reconstitution          | Centrifuge the vial prior to opening, reconstitute in sterile distilled water or buffer of interest to a concentration of 0.1-1 mg/ml by gently pipetting 2-3 times, do not vortex                                                                                                                                                                                                     |
| Preparation and Storage | The lyophilized protein is stable at -20°C for up to 1 year.<br>The protein solution can be stored at 2-8°C for up to 1 week.<br>For extended storage, it is recommended to further dilute in a buffer containing 0.1% BSA (make sure BSA will NOT interfere with your experiment) and store in working aliquots at -20°C to -80°C for 6 months.<br>Avoid repeated freeze/thaw cycles. |

### IMAGES



SDS-PAGE

### NCBI AND UNIPROT INFORMATION

|             |           |
|-------------|-----------|
| NCBI GI #   | 219519026 |
| NCBI GeneID | 109       |

|                                  |                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt Accession #              | <a href="#">O60266</a> ; <a href="#">Q53T54</a> ; <a href="#">Q9UDB1</a>                                                                                                   |
| Molecular Weight                 | 39.6 kDa under reducing conditions                                                                                                                                         |
| NCBI Official Full Name          | ADCY3 protein                                                                                                                                                              |
| NCBI Official Synonym Full Names | adenylate cyclase 3                                                                                                                                                        |
| NCBI Official Symbol             | ADCY3                                                                                                                                                                      |
| NCBI Official Synonym Symbols    | AC3                                                                                                                                                                        |
| NCBI Protein Information         | adenylate cyclase type 3; AC-III; adenylyl cyclase 3; ATP pyrophosphate-lyase 3; adenylate cyclase type III; adenylyl cyclase, type III; adenylate cyclase, olfactive type |
| UniProt Protein Name             | Adenylate cyclase type 3                                                                                                                                                   |
| UniProt Gene Name                | <b>ADCY3</b>                                                                                                                                                               |
| UniProt Synonym Gene Names       | KIAA0511; AC-III; AC3                                                                                                                                                      |
| UniProt Entry Name               | ADCY3_HUMAN                                                                                                                                                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/adcy3-recombinant-protein-e-coli/249426>