

## PPP1A recombinant protein

Recombinant Human PPP1A

CATALOG #  
**AAA249493**

HOST  
**E Coli**

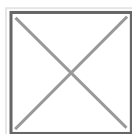
### PRODUCT SYNONYMS

PPP1A; Recombinant Human PPP1A; Alpha isoform serine threonine protein phosphatase PP1alpha 1 catalytic subunit; Catalytic subunit; EC 3.1.3.16; MGC15877; MGC1674; PP 1A; PP-1A; PP1A; PP1A\_HUMAN; PP1alpha; PP2C ALPHA; PP2CA; Ppp1ca; Protein Phosphatase 2C Alpha Isoform; Serine threonine protein phosphatase PP1 alpha catalytic subunit; Serine threonine protein phosphatase PP1 alpha catalytic subunit protein phosphatase 1; PPP1A recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli                                                                                                                     |
| Purity/Purification     | Greater than 95% by SDS-PAGE gel analyses                                                                                  |
| Form/Format             | Lyophilized from a 0.2um filtered solution in PBS with 5% trehalose, pH7.4                                                 |
| Sequence Positions      | 1-330                                                                                                                      |
| Species                 | Human                                                                                                                      |
| Tag                     | His tag                                                                                                                    |
| Reconstitution          | Sterile distilled water                                                                                                    |
| Preparation and Storage | Store at -20 degree C for 12 months as lyophilized; 2-8 degree C for 1 month under sterile conditions after reconstitution |

### IMAGES



SDS-PAGE  
SDS-Page

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">56790945</a>                                                                                                                            |
| NCBI GeneID                      | <a href="#">5499</a>                                                                                                                                |
| NCBI Accession #                 | <a href="#">NP_001008709.1</a>                                                                                                                      |
| NCBI GenBank Nucleotide #        | <a href="#">NM_001008709.1</a>                                                                                                                      |
| UniProt Accession #              | <a href="#">P62136</a> ; <a href="#">P08129</a> ; <a href="#">P20653</a> ; <a href="#">P22802</a> ; <a href="#">Q07161</a> ; <a href="#">B2R908</a> |
| Molecular Weight                 | 36.2kDa                                                                                                                                             |
| NCBI Official Full Name          | serine/threonine-protein phosphatase PP1-alpha catalytic subunit isoform 3                                                                          |
| NCBI Official Synonym Full Names | protein phosphatase 1, catalytic subunit, alpha isozyme                                                                                             |
| NCBI Official Symbol             | PPP1CA                                                                                                                                              |

|                                      |                                                                                                                                                                                               |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NCBI Official Synonym Symbols</b> | PP1A; PP-1A; PPP1A; PP1alpha                                                                                                                                                                  |
| <b>NCBI Protein Information</b>      | serine/threonine-protein phosphatase PP1-alpha catalytic subunit; protein phosphatase 1, catalytic subunit, alpha isoform; serine/threonine protein phosphatase PP1-alpha 1 catalytic subunit |
| <b>UniProt Protein Name</b>          | Serine/threonine-protein phosphatase PP1-alpha catalytic subunit                                                                                                                              |
| <b>UniProt Gene Name</b>             | <b>PPP1CA</b>                                                                                                                                                                                 |
| <b>UniProt Synonym Gene Names</b>    | PPP1A; PP-1A                                                                                                                                                                                  |
| <b>UniProt Entry Name</b>            | PP1A_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/ppp1ca-recombinant-protein-e-coli/249493>