

## Recombinant Human PP2A protein, GST-tagged

**Cat. No.** PP2A-301107H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PP2A (52-230 aa) protein, fused to GST tag, was expressed in E. coli.                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | Ile52-His230                                                                                                                                                                                                                           |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. |
| <b>AA Sequence</b>      | ILTLNEG VKGKKLT FEYRVSEAIEKL VALLNTLDRWIDETPPVDQPSRFGNKAYRTWY<br>AKLDEEAENLVATVVP THLAAAVPEVAVYLKESVGNSTRIDYGTGHEAAFAAFLCCL<br>CKIGVLRVDDQIAIVFKVFNRYLEV MRKLQKTYRMEPAGSQGVWGLDDFQFLPFIWG<br>SSQLIDH                                   |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                               |
| <b>Stability</b>        | Store for up to 12 months at -20°C to -80°C as lyophilized powder.                                                                                                                                                                     |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw           |

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cycles.

## GENE INFORMATION

|                        |                                                                           |
|------------------------|---------------------------------------------------------------------------|
| <b>Gene Name</b>       | PTPA protein phosphatase 2 phosphatase activator [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | PP2A                                                                      |
| <b>Synonyms</b>        | PTPA; PR53; PPP2R4                                                        |
| <b>Gene ID</b>         | 5524                                                                      |
| <b>mRNA Refseq</b>     | NM_001193397                                                              |
| <b>Protein Refseq</b>  | NP_001180326                                                              |
| <b>MIM</b>             | 600756                                                                    |
| <b>UniProt ID</b>      | Q15257                                                                    |

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