

## Recombinant Human PMPCA Protein, MYC/DDK-tagged

Cat. No. PMPCA-2142H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human PMPCA protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | The protein encoded by this gene is found in the mitochondrion, where it represents the alpha subunit of a proteolytic heterodimer. This heterodimer is responsible for cleaving the transit peptide from nuclear-encoded mitochondrial proteins. Defects in this gene are a cause of spinocerebellar ataxia, autosomal recessive 2. [provided by RefSeq, Mar 2016]. |
| <b>Form</b>             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                |
| <b>Molecular Mass</b>   | 58.1 kDa                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                          |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                     |

### GENE INFORMATION

|                  |                                                                   |
|------------------|-------------------------------------------------------------------|
| <b>Gene Name</b> | PMPCA peptidase (mitochondrial processing) alpha [ Homo sapiens ] |
|------------------|-------------------------------------------------------------------|

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|                 |                                |
|-----------------|--------------------------------|
| Official Symbol | PMPCA                          |
| Synonyms        | Alpha-MPP; INPP5E; P-55; SCAR2 |
| Gene ID         | 23203                          |
| mRNA Refseq     | NM_015160                      |
| Protein Refseq  | NP_055975                      |
| MIM             | 613036                         |
| UniProt ID      | Q10713                         |

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