

# Mitochondrial-processing peptidase subunit alpha (PMPCA) Recombinant Protein | PMPCA recombinant protein

Recombinant Human Mitochondrial-processing peptidase subunit alpha (PMPCA)

|                               |                                                                 |
|-------------------------------|-----------------------------------------------------------------|
| CATALOG #<br><b>AAA116540</b> | HOST<br><b>E Coli or Yeast or Baculovirus or Mammalian Cell</b> |
|-------------------------------|-----------------------------------------------------------------|

## PRODUCT SYNONYMS

Mitochondrial-processing peptidase subunit alpha (PMPCA); Recombinant Human Mitochondrial-processing peptidase subunit alpha (PMPCA); PMPCA recombinant protein

## PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Sequence Positions      | 34-525aa; Full Length of Mature Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Sequence                | SSGGAYPNIP LSSPLPGVPK PVFATVDGQE KFETKVTTLD NGLRVASQNK FGQFCTVGIL INSGSRYEAK<br>YLSGIAHFLE KLAFSSTARF DSKDEILLTL EKHGGICDCQ TSRDTTMYAV SADSKGLDTV VALLADVVLQ<br>PRLTDEEVEM TRMAVQFELE DLNLRPDPEP LLTEMIHEAA YRENTVGLHR FCPTENVAKI NREVLHSYLR<br>NYTTPDRMVL AGVGVEHEHL VDCARKYLLG VQPAWGSAAE VDIDRSVAQY TGGIAKLERD MSNVSLGPTP<br>IPELTHIMVG LESCSFLEED FIPFAVLNMM MGGGGSFSAG GPGKGMFSRL YLNVNLRHHW MYNATSYHHS<br>YEDTGLLCIH ASADPRQVRE MVEITKEFI LMGGTVDTVE LERAKTQLTS MLMNLESRP VIFEDVGRQV<br>LATRSRKLPH ELCTLIRNVK PEDVKRVASK MLRGKPAVAA LGDLTDLPTY EHIQTALSSK DGRLPRTYRL FR |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Preparation and Storage | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.                                                                                                                                                                                                                                                                                                                                                                           |

## NCBI AND UNIPROT INFORMATION

|                                  |                                                            |
|----------------------------------|------------------------------------------------------------|
| NCBI GI #                        | 545478640                                                  |
| NCBI GeneID                      | 23203                                                      |
| NCBI Accession #                 | NP_001269873.1                                             |
| NCBI GenBank Nucleotide #        | NM_001282944.1                                             |
| UniProt Accession #              | Q10713; Q16639; Q5SXM9; Q8N513; B4DKL3; E7ET61             |
| Molecular Weight                 | 44,866 Da                                                  |
| NCBI Official Full Name          | mitochondrial-processing peptidase subunit alpha isoform 2 |
| NCBI Official Synonym Full Names | peptidase, mitochondrial processing alpha subunit          |
| NCBI Official Symbol             | PMPCA                                                      |
| NCBI Official Synonym Symbols    | CLA1; CPD3; P-55; SCAR2; INPP5E; Alpha-MPP                 |
| NCBI Protein Information         | mitochondrial-processing peptidase subunit alpha           |
| UniProt Protein Name             | Mitochondrial-processing peptidase subunit alpha           |

|                            |                        |
|----------------------------|------------------------|
| UniProt Gene Name          | PMPCA                  |
| UniProt Synonym Gene Names | INPP5E; KIAA0123; MPPA |

**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://www.aaabiotech.com/pmpca-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116540>