



# Recombinant Rat Mitochondrial-processing peptidase subunit alpha (Pmpca)

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| <b>Product Code</b>      | CSB-BP018242RA   |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.  |
| <b>Uniprot No.</b>       | P20069   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Rattus norvegicus (Rat)  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)  |
| <b>Sequence</b>          | SSGATYPN IPLSSPLPGV PKPIFATVDG QEKFETKVT T LDNGLRVASQ<br>NKFGQFCTLG ILINSGSRYE AKYLSGIAHF LEKLAFSSTA RFDSKDEILL<br>TLEKHGGICD CQTSRDITMY AVSADSKGLD TVVGLLADV LHPRLTDEEI<br>EMTRMAVQFE LEDLNMRPDP EPLLTEMIHE AAFRENTVGL HRFCPVENIG<br>KIDREVLHSY LKNYYTPDRM VLAGVGVEHE HLVECARKYL LGVQPAWGAP<br>GAVWMLTAQW HSTRGGSSRW RETCQMSALR PPRFQSSHIY<br>GGARELLLLLE EDFIPFAVLN MMMGGGGSFS AGGPGKGMFS RLYLNVNLRH<br>HWMYNATSYH HSYEDTGLLC IHASADPRQV REMVEITKE FILMGRTVDL<br>VELERAQTQL MSMLMMNLES RPFVIFEDVGR QVLATHSRKL PHELCTLRN<br>VKPEDIKVA SKMLRGKPAV AALGDLTDLP TYEHIQAALS SRDGRLPRTY<br>RLFR |
| <b>Source</b>            | Baculovirus  |
| <b>Target Names</b>      | Pmpca  |
| <b>Protein Names</b>     | Recommended name: Mitochondrial-processing peptidase subunit alpha EC=3.4.24.64 Alternative name(s): Alpha-MPP P-55  |
| <b>Expression Region</b> | 33-524   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | Full Length of Mature Protein  |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.  |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  |