



Recombinant Rat Mast cell carboxypeptidase A (Cpa3)

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| Product Code | CSB-EP005877RA-B |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P21961 |
| Product Type | Recombinant Protein |
| Immunogen Species | Rattus norvegicus (Rat) |
| Purity | >85% (SDS-PAGE) |
| Sequence | IAGRHS YAKYNDWNKI VSWTEKMVEK HPEMVSRIKI GSTVEDNPLY VLKIGRKDGE RKAIFMDCGI HAREWVSPAF CQWFVYQAAK SYGKNKIMTK LLDRMNFYVL PVFNVDGYIW SWTKDRMWRK NRSKNPNSTC IGTDLNRNFD VSWDSSPNTD NPCLSVYRGP APESEKETKA VTNFIRSHLN SIKAYITFHS YSQMLLFPYG YTIKLPPNHQ DLLKVARIAT DVLSSRYETR YIYGPIASTI YKTSGSSLDW AYDLGIKHTF AFELRDKGKS GFLLPESRIK PTCKETMLSV KFIKYILKH TS |
| Source | E.coli |
| Target Names | Cpa3 |
| Protein Names | Recommended name: Mast cell carboxypeptidase A EC= 3.4.17.1 Alternative name(s): Carboxypeptidase A3 R-CPA RMC-CP |
| Expression Region | 105-412 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | Full Length of Mature Protein |
| Target Details | Three different forms of human pancreatic procarboxypeptidase A have been isolated. This gene encodes a form which is obtained as a binary complex of a procarboxypeptidase A with proproteinase E and functions as a secretory granule metalloexopeptidase. |
| Reconstitution | 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. |
| Shelf Life | 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. |