



Recombinant Pongo abelii Xaa-Pro dipeptidase (PEPD)

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|--------------------------|---|
| Product Code | CSB-EP729106PYX-B |
| Abbreviation | PEPD |
| Storage | 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. |
| Uniprot No. | Q5RFB3 |
| Product Type | Recombinant Protein |
| Immunogen Species | Pongo abelii (Sumatran orangutan) (Pongo pygmaeus abelii) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | AAVTGPSFW LGNETLKVPV ALFALNRQRL CERLRKNPAV QAGSIVVLQG GEETLRYCTD TEVLFQRQESF FHWAFGVTEP GCYGVIVDVT GKSTLFPRL PASYATWMGK IHSKEHFKEK YAMDDVQYTD EIDSVLTSQK PSVLLTLRGV NTDSGVSVCRE ASFDGISKFE VNNTILHPEI VECRVFKTDM ELEVLRNTK ISSEAHREVM KAVKVG MKEY ELESLEFYHC YSRGGMRHSS YTCICGSGEN SAVLHYGHAG APNDRTIQNG DMCLFDMGGE YYCFASDITC SFPANGKFTA DQKAVYEAVL RSSRAVMGAM KPGVWWPDMR RLADRIHLEE LAHTGILSGS VDAMVQAHLG AVSMPHGLGH FLGIDVHDVG GYPEGVERID EPGLRSLRTA RHLQPGMVLV VEPGIYFIDH LLDEALADPA HACFFNREVL QRFRGFGGVR IEEDVVVTDG GMELLTCVPR TVEEIEACMA GCDKAFTPFS GPK |
| Source | E.coli |
| Target Names | PEPD |
| Protein Names | Recommended name: Xaa-Pro dipeptidase Short name= X-Pro dipeptidase EC= 3.4.13.9 Alternative name(s): Imidodipeptidase Peptidase D Proline dipeptidase Short name= Prolidase |
| Expression Region | 2-493 |
| 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 |
| 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. |



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