



Recombinant Pongo abelii Xaa-Pro dipeptidase (PEPD)

Product Code	CSB-EP729106PYX
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 IEEDVVVTD S 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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