



Recombinant Xaa-Pro dipeptidase (pepQ)

Product Code	CSB-YP724099YAH
Abbreviation	pepQ
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.	Q66FR7
Product Type	Recombinant Protein
Immunogen Species	Yersinia pseudotuberculosis serotype I (strain IP32953)
Purity	≥85% (SDS-PAGE)
Sequence	METLASLYNE HLSTLQQRTR DVLERHQLDA LLIHSGELQR LFLDDRDPYF KVNPQFKAWV PVTEVPNCWL WVDGVNTPKL WFYSPVDYWH SVEPLPDSFW TKNIDVQPLL NADDIAQQLP VQRERVAYIG YAQQRAQALG FSAENINPQP VLDYLHYIRS YKTDYELACM REAQKTAVVG HRAAYEAFQS GMSEFDINLA YLMATGHRDT DVPYDNIVAL NEHSAVLHYT ILQHQPPEI RSFLIDAGAE YNGYAADLTR TYAADRDSD F AALISDLNTE QLALIDTIKS GERYTDYHVQ MHQRIAKLLR THNLVTGISE EAMVEQGITC PFLPHGLGHP LGLQVHDTAG FMQDDKGTNL NAPSKYPYLR CTRVLQPRMV LTIEPGLYFI DSLLAPWRIG EFSKHFNWDR IDALKPYGGI RIEDNIVIHD KRVENMTRDL KLA
Source	Yeast
Target Names	pepQ
Protein Names	Recommended name: Xaa-Pro dipeptidase Short name= X-Pro dipeptidase EC= 3.4.13.9 Alternative name(s): Imidodipeptidase Proline dipeptidase Short name= Prolidase
Expression Region	1-443
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 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. 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.