Xaa-Pro Dipeptidyl-Peptidase (Pepx), Partial (pepX) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Xaa-Pro dipeptidyl-peptidase (pepX), partial, Recombinant Protein
Full Product Name	Recombinant Xaa-Pro dipeptidyl-peptidase (pepX), partial
Product Gene Name	pepX recombinant protein
Product Synonym Names	Xaa-Pro dipeptidyl-peptidase; EC=3.4.14.11; X-Pro dipeptidyl-peptidase; X-prolyl-dipeptidyl aminopeptidase; X-PDAP
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	86,866 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q8L376
Species	Streptococcus macedonicus
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pepX recombinant protein	MBS1470676 is a recombinant protein targeting pepX. Also known as Recombinant Xaa-Pro dipeptidyl-peptidase (pepX), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pepX recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for pepX. It may not necessarily be applicable to this product.

NCBI GI #	34222717
NCBI Accession #	Q8L376.1
UniProt Primary Accession #	Q8L376
NCBI Official Full Name	Xaa-Pro dipeptidyl-peptidase
UniProt Protein Name	Xaa-Pro dipeptidyl-peptidase
UniProt Synonym Protein Names	X-Pro dipeptidyl-peptidase; X-prolyl-dipeptidyl aminopeptidase
Protein Family	Xaa-Pro dipeptidyl-peptidase
UniProt Gene Name	pepX

UniProt Synonym Gene Names	X-PDAP
UniProt Entry Name	PEPX_STRMC
UniProt Comments for pepX	Removes N-terminal dipeptides sequentially from polypeptides having unsubstituted N-termini provided that the penultimate residue is proline.
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