

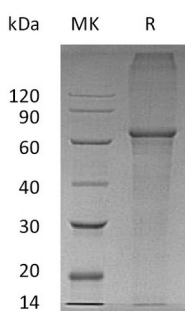
Product Name: Recombinant Human XPNPEP3 (N, C-6His)
Catalog #: PEH1835



Summary

Name	XPNPEP3/Probable Xaa-Pro aminopeptidase 3
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Probable Xaa-Pro Aminopeptidase 3 is produced by our E.coli expression system and the target gene encoding Met1-Ser507 is expressed with a 6His tag at the N-terminus, 6His tag at the C-terminus.
Accession #	Q9NQH7
Host	E.coli
Species	Human
Predicted Molecular Mass	60.2 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 25mM Tris-HCl, 1mM DTT, pH 7.3.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Background

Alternative Names	Probable Xaa-Pro Aminopeptidase 3; X-Pro Aminopeptidase 3; Aminopeptidase P3; APP3; XPNPEP3
Background	Probable Xaa-Pro Aminopeptidase 3 (XPNPEP3) is a member of the peptidase M24B family. XPNPEP3 has two isoforms and both are widely expressed. XPNPEP3



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is localized in the Mitochondrion. XPNPEP3 catalyzes the release of any N-terminal amino acid, including proline, that is linked to proline, even from a dipeptide or tripeptide. Defects in XPNPEP3 are the cause of nephronophthisis-like nephropathy type 1 which is a disorder with features of nephronophthisis, a cystic kidney disease leading to end-stage renal failure.

Note

For Research Use Only , Not for Diagnostic Use.