

**Catalog No.: RP03207LQ** **Recombinant**

| Species | Gene ID | Swiss Prot |
|---------|---------|------------|
| Human   | 63929   | O9NOH7     |

N, C-6His

Probable Xaa-Pro Aminopeptidase 3; X-Pro Aminopeptidase 3; Aminopeptidase P3; APP3; XPNPEP3

|                                 |                                                                |
|---------------------------------|----------------------------------------------------------------|
| <b>Source</b><br><i>E. coli</i> | <b>Purification</b><br>≥ 95 % as<br>determined by SDS-<br>PAGE |
|---------------------------------|----------------------------------------------------------------|

| Calculated MW | Observed MW |
|---------------|-------------|
| 60.2 KDa      | 65 KDa      |

< 1 EU/μg of the protein by LAL method.

Supplied as a 0.22 µm filtered solution in 25mM Tris-HCl, 1mM DTT, pH 7.3.  
Contact us for customized product form or formulation.

## Reconstitution

 | 400-999-6126

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Probable Xaa-Pro Aminopeptidase 3 (XPNPEP3) is a member of the peptidase M24B family. XPNPEP3 has two isoforms and both are widely expressed. XPNPEP3 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.

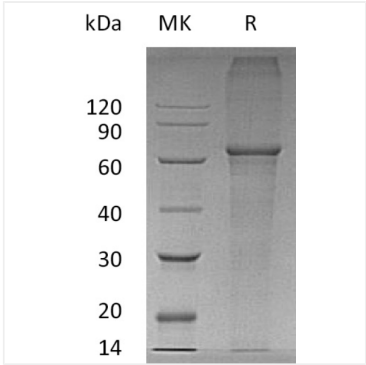
Recombinant Human XPNPEP3 Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Met1-Ser507) of Human XPNPEP3 (Accession #NP\_071381.1) fused with a 6His tag at the N-terminus, 6His tag at the C-terminus.

Lyophilized proteins are shipped at ambient temperature.  
Liquid proteins are shipped at frozen temperature with dry ice.  
Upon receipt, store it immediately at the temperature recommended below.

Store at -80°C  
Avoid repeated freeze/thaw cycles.

For your safety and health, please wear a lab coat and disposable gloves for handling.

Validation Data



Recombinant Human XPNPEP3 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.