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## Datasheet for ABIN7319185 **XPNPEP3 Protein (His tag)**

### Overview

Quantity:	50 µg
Target:	XPNPEP3
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This XPNPEP3 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human XPNPEP3 Protein (His Tag)
Sequence:	Met 1-Ser507
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	XPNPEP3
Alternative Name:	XPNPEP3 ( <a href="#">XPNPEP3 Products</a> )
Background:	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 is localized

## Target Details

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.

Synonym: Probable Xaa-Pro Aminopeptidase 3, X-Pro Aminopeptidase 3, Aminopeptidase P3, APP3, XPNPEP3

Molecular Weight:	60.2 kDa
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UniProt:	<a href="#">Q9NQH7</a>
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## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Frozen, Liquid
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Buffer:	Supplied as a 0.2 µm filtered solution of 25 mM Tris, 1 mM DTT, pH 7.3.
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Storage:	-20 °C
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Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
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