

**Recombinant Human Xaa-Pro Aminopeptidase P3/XPNPEP3 Protein(N, C-6His)**

**Cat.NO.: TP05977**

3th Edition

**Synonyms:** Probable Xaa-Pro Aminopeptidase 3; X-Pro Aminopeptidase 3; Aminopeptidase P3; APP3; XPNPEP3

**Description:** 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.

**Form:** PBS

**Molecular Weight:** 60.2 kDa

**Sequences:** Met 1-Ser507

**Purity:** > 95% by HPLC

**Concentration:**

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.