

## Recombinant Human XPNPEP3 Protein

| Catalog # | Source  | Reactivity | Applications        |
|-----------|---------|------------|---------------------|
| CRP2544   | E. coli | Human      | E, WB, SDS-PAGE, MS |

**Description** Recombinant Human XPNPEP3 Protein 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.

**Form** Liquid in a 0.2 μM filtered solution of 25mM Tris-HCl, 1mM DTT, pH7.3.

**Gene Symbol** XPNPEP3

**Alternative Names** Probable Xaa-Pro aminopeptidase 3; X-Pro aminopeptidase 3; Aminopeptidase P3; APP3

**Entrez Gene** 63929 (Human)

**SwissProt** Q9NQH7 (Human)

**Purity** Greater than 95% as determined by reducing SDS-PAGE.

**Chemical Structure** MGSSHHHHH SGLVPRGSH MPWLLSAPKL VPAVANVRGL SGCMLCSQRR  
 YSLQVPERR IPNRYLGQPS PFTHPHLLRP GEVTPGLSQV EYALRRHKLM SLIQKEAQQG  
 SGTDQTVVVL SNPTYMSND IPYTFHQDNN FLYLCGFQEP DSILVLQSLP GKQLPSHKAI  
 LFPVRRDPSR ELWDGPRSGT DGAIALTGVD EAYTLEEFQH LLPKMKAETN  
 MVWYDWMRPS HAQLHSDYMQ PLTEAKAKSK NKVRGVQQLI QRLRLIKSPA  
 EIERMQIAGK LTSQAFIETM FTSKAPVEEA FLYAKFEFEC RARGADILAY PPVVAGGNRS  
 NTLHYVKNNQ LIKDGMVLL DGGCESSCYV SDITRTWPVN GRFTAPQAEI YEAVLEIQRD  
 CLALCFPGTS LENIYSMMLT LIGQKLKDLG IMKNIKENNA FKAARKYCPH HVGHYLGMDV  
 HDTPDMPRSL PLQPGMVITI EPGIYIPEDD KDAPEKFRGL GVRIEDDVVV TQDSPFILSA  
 DCPKEMNDIE QICSQASLEH HHHHH

**Quality Control** Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

- Directions for Use** Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
- Storage/Stability** Store it at -20°C to -80°C for one year.

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