

## 32-7461: Recombinant Human Aminopeptidase P2/XPNPEP2 (C-6His)(Discontinued)

**Gene :** XPNPEP2

**Gene ID :** 7512

**Uniprot ID :** O43895

### Description

Source: Human Cells.

MW :71.64kD.

Recombinant Human Aminopeptidase P2 is produced by our Mammalian expression system and the target gene encoding His22-Ala650 is expressed with a 6His tag at the C-terminus. Xaa-Pro aminopeptidase 2 (XPNPEP2) belongs to the peptidase M24B family of metalloproteases. Human XPNPEP2 is widely expressed in various tissues, such as kidney, lung, heart, placenta, liver, small intestine and colon. However, it doesn't express in brain, skeletal muscle, pancreas, spleen, thymus, prostate, testis and ovary. XPNPEP2 is a Homotrimer which binds 2 manganese ions per subunit. The metalloprotease XPNPEP2 may play a role in the inflammatory process and other reactions produced in response to injury or infection and the metabolism of the vasodilator bradykinin.

### Product Info

**Amount :** 10 µg / 50 µg

**Content :** Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 150mM NaCl, pH 8.0.

**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

**Amino Acid :** HTKPVDLGGQDVRNCSTNPPYLPVTVVNTTMSLTALRQQMQTQNL SAYIIPGTD AHMNEYIGQHDERRAWITG  
FTGSAGTAVVTMKKA AVWTD SRYWTQAERQMDCNWELHKEVGTTPIVTWLLTEIPAGGRVGFDPFLSIDTW  
ESYDLALQGSNRQLVSITTNLVDLVWGSE RPPVPNQPIYALQEFTGSTWQEKVSGVRSQM QKHQKVPTAVLL  
SALEETAWLFNLRASDIPYNPFFYSYLLTDSSIRLFANKSRFSSETLSYLNSSCTGPMCVQIEDYSQVRDSIQAYS  
LGDVRIWIGTSYMYGIYEMIPKEKLVTDTYSPVMMTKAVKNSKEQALLKASHVRDAVAVIRYLVWLEKNVPKG  
TVDEFSGAEIVDKFRGEEQFSSGSPFETISASGLNAALAHYSPTKELNRKLSSDEMYLLDSGGQYWDGTTDITR  
TVHWGTPSAFQKEAYTRVLIGNIDLSRLIFPAATSGRMVEAFARRALWDAGLNYGHGTGHGIGNFLCVHEWPV  
GFQSNNIAMAKGMFTSIEPGYYKDGEFGIRLEDVALVVEAKTKYPGSYLTFEVVSFVPYDRNLIDVSLLSPEHLQY  
LNRYYTIREKVGPELQRRQLLEEFEWLQHQTEPLAAHHHHHHH

### Application Note

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