

## Recombinant Human XPNPEP2 Protein

Catalog #	Source	Reactivity	Applications
CRP2543	Human cells	Human	E, WB, SDS-PAGE, MS

<b>Description</b>	Recombinant Human XPNPEP2 Protein is produced by our Mammalian expression system and the target gene encoding His22-Ala650 is expressed with a 6His tag at the C-terminus.
<b>Form</b>	Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
<b>Gene Symbol</b>	XPNPEP2
<b>Alternative Names</b>	Xaa-Pro aminopeptidase 2; Aminoacylproline aminopeptidase; Membrane-bound aminopeptidase P; Membrane-bound APP; Membrane-bound AmP; mAmP; X-Pro aminopeptidase 2
<b>Entrez Gene</b>	7512 (Human)
<b>SwissProt</b>	O43895 (Human)
<b>Purity</b>	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
<b>Chemical Structure</b>	HTKPVDLGGQ DVRNCSTNPP YLPVTVVNTT MSLTALRQQM QTQNLSAYII PGTDAHMEY IGQHDERRAW ITGFTGSAGT AVVTMKKAAV WTDSRYWTQA ERQMDCNWEL HKEVGTTPIV TWLLTEIPAG GRVGFDPFL SIDTWESYDL ALQGSNRQLV SITTNLVDLV WGSERPPVPN QPIYALQEAF TGSTWQEKVS GVRSQMVKHQ KVPTAVLLSA LEETAWLFNL RASDIPYNPF FYSYLLTDS SIRLFANKSR FSSETLSYLN SSCTGPMCVQ IEDYSQVRDS IQAYSLGDVR IWIGTSYTM YGIYEMIPKEK LVTDTYSPVM MTKAVKNSKE QALLKASHVR DAVAVIRYLV WLEKNVPGKT VDEFSGAEIV DKFRGEEQFS SGPSFETISA SGLNAALAHY SPTKELNRKL SDEMYYLLDS GGQYWDGTTD ITRTVHWGTP SAFQKEAYTR VLIGNIDLSR LIFPAATSGR MVEAFARRAL WDAGLNYGHG TGHGIGNFLC VHEWPVGFQS NNIAMAKGMF TSIEPGYYKD GEFGIRLEDV ALVVEAKTKY PGSYLTFEVV SFVPYDRNLI

**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

### COHESION BIOSCIENCES LIMITED

**WEB**  
[www.cohesionbio.com](http://www.cohesionbio.com)

**ORDER**  
[order@cohesionbio.com](mailto:order@cohesionbio.com)

**SUPPORT**  
[techsupport@cohesionbio.com](mailto:techsupport@cohesionbio.com)

**CUSTOM**  
[custom@cohesionbio.com](mailto:custom@cohesionbio.com)

# Product Data Sheet

DVSLLSPEHL QYLNRYQTI REKVGPELQR RQLLEEFEWL QQHTEPLAAH HHHHH

**Quality Control**

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

**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.

**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

## COHESION BIOSCIENCES LIMITED

**WEB**

[www.cohesionbio.com](http://www.cohesionbio.com)

**ORDER**

[order@cohesionbio.com](mailto:order@cohesionbio.com)

**SUPPORT**

[techsupport@cohesionbio.com](mailto:techsupport@cohesionbio.com)

**CUSTOM**

[custom@cohesionbio.com](mailto:custom@cohesionbio.com)