

Active Recombinant Human XPNPEP2, His-tagged

Cat. No. XPNPEP2-230H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human XPNPEP2 (Accession # AAB96394) His22-Ala650, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	22-650 a.a.
Predicted N Terminal	His22 & Lys24
Form	Supplied as a 0.2 µ filtered solution in Tris and NaCl.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, H-Lys(2-Aminobenzoyl)-Pro-Pro-p-Nitroanilide (K(Abz)PP-pNA). The specific activity is >300 pmol/min/g, as measured under the described conditions.
Molecular Mass	Recombinant Human XPNPEP2, His-tagged has a calculated MW of 72 kDa. In SDS-PAGE migrates as 85 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name [XPNPEP2 X-prolyl aminopeptidase \(aminopeptidase P\) 2, membrane-bound \[Homo sapiens \]](#)

Official Symbol [XPNPEP2](#)

Synonyms [XPNPEP2; X-prolyl aminopeptidase \(aminopeptidase P\) 2, membrane-bound; xaa-Pro aminopeptidase 2; mAmP; membrane-bound APP; membrane-bound AmP; X-Pro aminopeptidase 2; aminoacylproline aminopeptidase; membrane-bound aminopeptidase P; APP2;](#)

Gene ID [7512](#)

mRNA Refseq [NM_003399](#)

Protein Refseq [NP_003390](#)

MIM

UniProt ID [O43895](#)

Chromosome Location [Xq25](#)

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