

Product datasheet for **TP726812**

XPNPEP2 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Aminopeptidase P2/XPNPEP2 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	His22-Ala650
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
Note:	Recombinant Human Xaa-Pro Aminopeptidase 2 is produced by our Mammalian expression system and the target gene encoding His22-Ala650 is expressed with a 6His tag at the C-terminus.
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	12 months from date of despatch
Locus ID:	7512
UniProt ID:	O43895
Synonyms:	Xaa-Pro Aminopeptidase 2; Aminoacylproline Aminopeptidase; Membrane-Bound Aminopeptidase P; Membrane-Bound APP; Membrane-Bound AmP; mAmP; X-Pro Aminopeptidase 2; XPNPEP2
Summary:	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.
Protein Families:	Druggable Genome, Protease



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