

Recombinant Human XPNPEP2 (C-6His)

Catalog No: C509

Description	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.
Expression System	Human cells
Alternative name	Xaa-Pro Aminopeptidase 2; Aminoacylproline Aminopeptidase; Membrane-Bound Aminopeptidase P; Membrane-Bound APP; Membrane-Bound AmP; mAmP; X-Pro Aminopeptidase 2; XPNPEP2
Accession No.	O43895
Predicted Molecular Weight	71.64kDa
Apparent Molecular Weight	78kDa, reducing conditions.
Quality Control	Purity: greater than 95% as determined by reducing SDS-PAGE. Endotoxin: less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
Shipping	The product is shipped on dry ice pack. Upon receipt, store it immediately at the temperature listed below.
Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Background	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.

SDS-PAGE

