

Product Name: Recombinant Human APN Protein (C-6His)
Catalog #: PHH2231

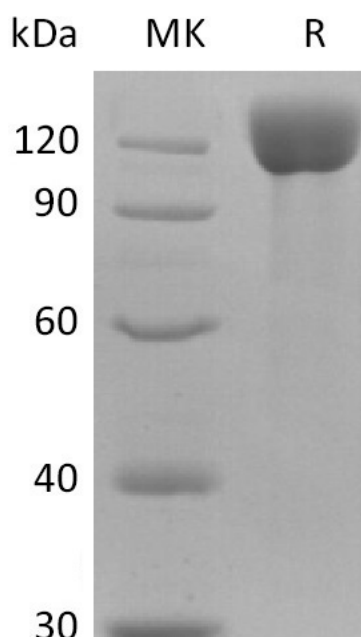


Summary

Name	CD13/APN Protein/Aminopeptidase N
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	Please contact with the lab for this information
Construction	Recombinant Human Aminopeptidase N is produced by our Mammalian expression system and the target gene encoding Lys69-Lys967 is expressed with a 6His tag at the C-terminus.
Accession #	P15144
Host	Human Cells
Species	Human
Predicted Molecular Mass	103.5 KDa
Formulation	Supplied as a 0.2 µm filtered solution of PBS, 5% Trehalose, pH 7.4.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&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.
Reconstitution	

SDS-PAGE image

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Alternative Names

Aminopeptidase N; ANPEP; AP-M; APN; AP-N; CD13 antigen; CD13; CD13APN; PEPN; PEPNhAPN

Background

ANPEP gene encodes aminopeptidase N (APN) also known as microsomal aminopeptidase, alanyl aminopeptidase, aminopeptidase M, CD13, or membrane protein p161, is a member of the peptidase M1 family. Widely expressed in many cells, tissues and species, APN cleaves the N-terminal amino acids from bioactive peptides, leading to their inactivation or degradation. Probably plays a role in regulating growth and differentiation of early B-lineage cells. It also may play a role in the catabolic pathway of the renin-angiotensin system. It degrades vasoconstricting angiotensin II into angiotensin III and therefore helps to regulate blood pressure.

Note

For Research Use Only , Not for Diagnostic Use.