

**Product Name: Recombinant Mouse APN Protein (C-6His)**  
**Catalog #: PHM2232**



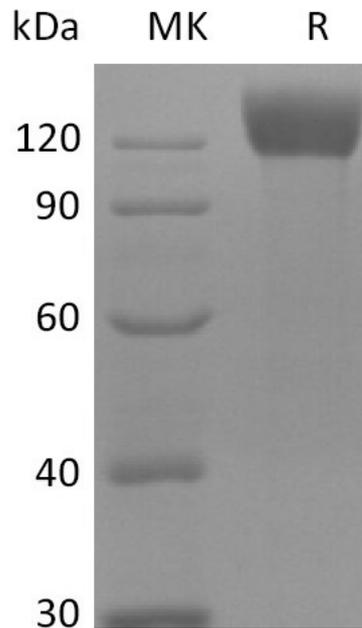
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## Summary

<b>Name</b>	CD13/APN Protein/Aminopeptidase N
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	Please contact with the lab for this information
<b>Construction</b>	Recombinant Mouse Aminopeptidase N is produced by our Mammalian expression system and the target gene encoding Lys69/xadSer966 is expressed with a 6His tag at the C-terminus.
<b>Accession #</b>	P97449
<b>Host</b>	Human Cells
<b>Species</b>	Mouse
<b>Predicted Molecular Mass</b>	103.6 KDa
<b>Formulation</b>	Supplied as a 0.2 µm filtered solution of PBS, pH 7.4.
<b>Shipping</b>	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	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.
<b>Reconstitution</b>	

## 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.