

Recombinant Mouse APN Protein (His Tag)

Catalog No. PKSR030496

Note: Centrifuge before opening to ensure complete recovery of vial contents.

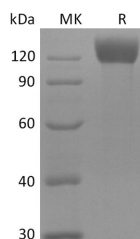
Description

Synonyms	Aminopeptidase N;ANPEP;AP-M;APN;AP-N;CD13 antigen;CD13;CD13APN;PEPN;PEPNhAPN
Species	Mouse
Expression Host	HEK293 Cells
Sequence	Lys69-Ser966
Accession	P97449
Calculated Molecular Weight	103.6 kDa
Observed molecular weight	110-130 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 µm filtered solution of PBS, pH7.4.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

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.

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