Recombinant Mouse APN Protein (His Tag)

Catalog Number: 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

Tag C-His

Observed molecular weight

Properties

Purity > 95 % as determined by reducing SDS-PAGE.

110-130 kDa

Endotoxin < 1.0 EU per µg of the protein as determined by the LAL method.

Storage Storage Store at $< -20^{\circ}$ C, stable for 6 months. Please minimize freeze-thaw cycles.

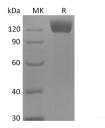
Shipping This product is provided as liquid. It is shipped at frozen temperature with blue

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 aminopeptiase, 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.

For Research Use Only

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