

Recombinant Human APN Protein (His Tag)

Catalog No: RPES0037

Category: Recombinant Protein

Sequence Information

Species: Human

Sequence: Lys69-Lys967

Accession: P15144

Tag: C-6His

Product Information

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

Source: Human Cells

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

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

Formulation: Supplied as a 0.2 µM filtered solution of PBS, pH 7.4.

Reconstitution: Please refer to the printed manual for detailed information.

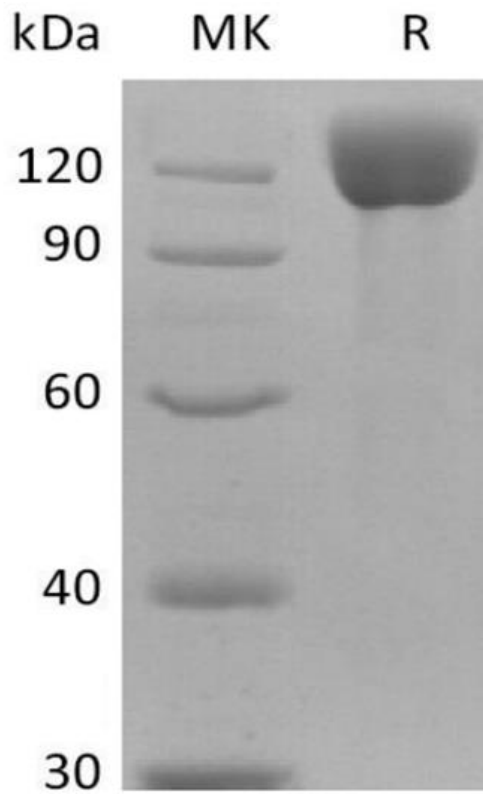
Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

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.

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.

Image



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