

Recombinant Mouse Anpep protein, His & T7-tagged

Cat. No. Anpep-1455M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Anpep aa. (Tyr720~Phe961 (Accession # P97449)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Tyr720~Phe961
Form	Freeze-dried powder
Molecular Mass	27kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method).
Purity	>95%
Characteristic	The isoelectric point is 8.6.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Anpep alanyl (membrane) aminopeptidase [<i>Mus musculus</i> (house mouse)]
Official Symbol	Anpep
Synonyms	Apn; AP-M; AP-N; Cd13; P150; alanyl aminopeptidase; aminopeptidase M; aminopeptidase N/CD13; membrane protein p161; microsomal aminopeptidase; aminopeptidase N
Gene ID	16790
mRNA Refseq	NM_008486.2
Protein Refseq	NP_032512.2
UniProt ID	P97449

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