Alanine Aminopeptidase (AAP) Recombinant Protein | AAP recombinant protein

Recombinant Alanine Aminopeptidase (AAP)

CATALOG #	HOST	APPLICATIONS
AAA135498	**E.coli**	**Western Blot, SDS-Page**

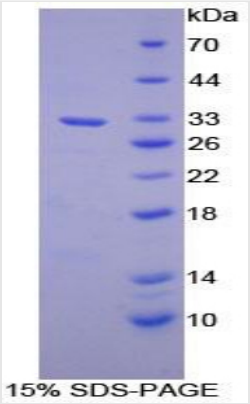
PRODUCT SYNONYMS

Alanine Aminopeptidase (AAP); Recombinant Alanine Aminopeptidase (AAP); AAP recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	YLKKQVTPLF FYFQNRTNNW VNRPPTLMEQ YNEINAISTA CSSGLKECRD LVVELYSQWM KNPNNNTIHP NLRSTVYCNA IAFGGEEEWN FAWEQFRNAT LVNEADKLRS ALACSKDVWI LNRYLSYTLN PDYIRKQDTT STIISIASNV AGHPLVWDFV RSNWKKLFEN YGGGSFSFAN LIQGVTRRFS SEFELQQLEQ FKADNSATGF GTGTRALEQA LEKTRANIDW VKENKDAVFK WF
Sequence Length	966
Applicable Applications for AAP recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Mus musculus (Mouse)
Source	Prokaryotic expression
Residues	Tyr720~Phe961
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	8.6
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: 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.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	225637487
NCBI GeneID	16790
NCBI Accession #	NP_032512.2
NCBI GenBank Nucleotide #	NM_008486.2
UniProt Accession #	P97449; Q91YH8; Q99K63
Molecular Weight	Predicted Molecular Mass: 31.8kDa Accurate Molecular Mass: 30kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	aminopeptidase N
NCBI Official Synonym Full Names	alanyl (membrane) aminopeptidase
NCBI Official Symbol	Anpep
NCBI Official Synonym Symbols	Apn; AP-M; AP-N; Cd13; P150
NCBI Protein Information	aminopeptidase N; aminopeptidase M; alanyl aminopeptidase; aminopeptidase N/CD13; membrane protein p161; microsomal aminopeptidase
UniProt Protein Name	Aminopeptidase N
UniProt Gene Name	**Anpep**
UniProt Synonym Gene Names	Lap-1; Lap1; AP-N; mAPN; AP-M
UniProt Entry Name	AMPN_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/anpep-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/135498