

Apelin (APLN) Recombinant Protein | APLN recombinant protein

Recombinant Apelin (APLN)

CATALOG # AAA20210	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS SDS-Page, Western Blot
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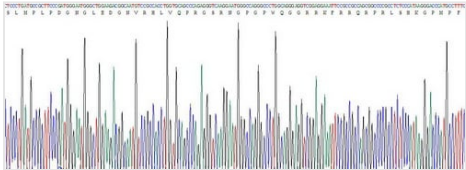
PRODUCT SYNONYMS

Apelin (APLN); Recombinant Apelin (APLN); APLN recombinant protein

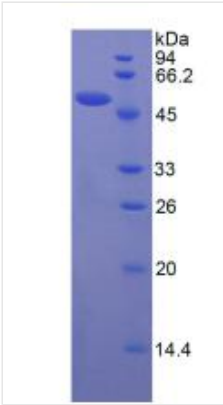
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
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: 200?g/mL (varies by lot)
Applicable Applications for APLN recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Ser24~Phe77
Tags	Two N-terminal Tags, His-tag and MBP-tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.3
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 degree C for one month. Aliquot and store at -80 degree 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 degree 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



Gene Sequencing (Extract)



SDS-PAGE

SLMPLPD GNGLEDGNVR HLVQPRGSRN
GPGPWQGGRR KFRQRPRLS HKGPMPF

Sequence Information

NCBI AND UNIPROT INFORMATION

NCBI GI #	45120090
NCBI GeneID	8862
NCBI Accession #	NP_059109.3
NCBI GenBank Nucleotide #	NM_017413.4
UniProt Accession #	Q9ULZ1; Q4VY08; Q8WU89
Molecular Weight	Predicted Molecular Mass: 56.1kDa Accurate Molecular Mass: 56kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	apelin preproprotein
NCBI Official Synonym Full Names	apelin
NCBI Official Symbol	APLN
NCBI Official Synonym Symbols	APEL; XNPEP2
NCBI Protein Information	apelin; AGTRL1 ligand; APJ endogenous ligand
UniProt Protein Name	Apelin
UniProt Gene Name	APLN
UniProt Synonym Gene Names	APEL
UniProt Entry Name	APEL_HUMAN

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.