

Neprilysin (NEP) Recombinant Protein | NEP recombinant protein

Recombinant Neprilysin (NEP)

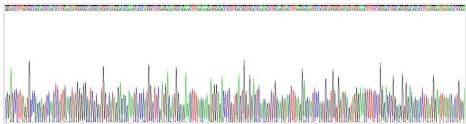
CATALOG # AAA134434	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

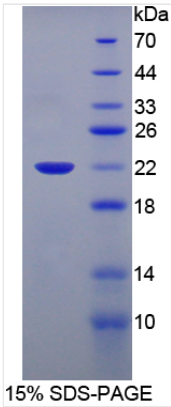
Neprilysin (NEP); Recombinant Neprilysin (NEP); NEP recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	FSAQQSNSLN YGGIGMVIGH EITHGFDDNG RNFNKDGLV DWWTQQSASN FKEQSQCMVY QYGNFSWDLA GGQHLNGINT LGENIADNGG LGQAYRAYQN YIKKNGEEKL LPGLDLNHKQ LFFLNFAQVW CGTYRPEYAV NSIKTDVHSP GNFRIIGTLQ NSAEFSEAFH CRKNSYMNPE KKCRVW
Sequence Length	750
Applicable Applications for NEP recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Phe565~Trp750
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	6.6
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.



Application Data
Figure . Gene Sequencing (extract



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	116256329
NCBI GeneID	4311
NCBI Accession #	NP_000893.2
NCBI GenBank Nucleotide #	NM_000902.3
UniProt Accession #	P08473; Q3MIX4; A8K6U6; D3DNJ9
Molecular Weight	Predicted Molecular Mass: 22.3kDa Accurate Molecular Mass: 22kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	neprilysin
NCBI Official Synonym Full Names	membrane metallo-endopeptidase
NCBI Official Symbol	MME
NCBI Official Synonym Symbols	NEP; SFE; CD10; CALLA
NCBI Protein Information	neprilysin; enkephalinase; atriopeptidase; neprilysin-390; neprilysin-411; skin fibroblast elastase; neutral endopeptidase 24.11; membrane metallo-endopeptidase variant 1; membrane metallo-endopeptidase variant 2; common acute lymphocytic leukemia antigen; membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase); membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase, CALLA, CD10)
UniProt Protein Name	Neprilysin
UniProt Gene Name	MME
UniProt Synonym Gene Names	EPN; CALLA; NEP; Neutral endopeptidase; SFE
UniProt Entry Name	NEP_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.