

Neprilysin (NEP) Recombinant Protein | NEP recombinant protein

Recombinant Neprilysin (NEP)

CATALOG # AAA134138	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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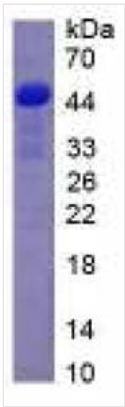
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
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	ATTKPEDRND PMLLYNKMTL AKLQNNFSLE INGKPFWSWN FTNEIMSTVN INIQNEEEVV VYAPEYLTKL KPILTKYSPR DLQNLMSWRF IMDLVSSLSR NYKESRNAFR KALYGTTSET ATWRRRCANYV NGNMENAVGR LYV
Applicable Applications for NEP recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Species	Rattus norvegicus (Rat)
Source	Prokaryotic expression
Residues	Ala286~Val428
Tags	N-terminal GST Tag
Subcellular Location	Membrane, Chromosome
Traits	Freeze-dried powder
Predicted isoelectric point	7.2
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 #	6981210
NCBI GeneID	24590
NCBI Accession #	NP_036740.1
NCBI GenBank Nucleotide #	NM_012608.2
UniProt Accession #	P07861
Molecular Weight	Predicted Molecular Mass: 46.6kDa Accurate Molecular Mass: 47kDa 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
NCBI Protein Information	neprilysin; enkephalinase; atriopeptidase; skin fibroblast elastase; neutral endopeptidase 24.11; membrane metallo endopeptidase; membrane metallo-endopeptidase (neutral endopeptidase/enkephalinase)
UniProt Protein Name	Neprilysin
UniProt Gene Name	Mme
UniProt Synonym Gene Names	NEP; Neutral endopeptidase; SFE
UniProt Entry Name	NEP_RAT

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/mme-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134138>