

Neprilysin (MME) Recombinant Protein | MME recombinant protein

Recombinant Human Neprilysin (MME), partial

CATALOG # AAA113572	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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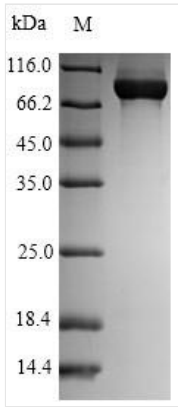
PRODUCT SYNONYMS

Neprilysin (MME); Recombinant Human Neprilysin (MME); partial; MME recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	52-750aa; Extracellular Domain
Sequence	YDDGICKSSD CIKSAARLIQ NMDATTEPCT DFFKYACGGW LKRNVIPETS SRYGNFDILR DELEVVLKDV LQEPKTEDIV AVQKAKALYR SCINESAIDS RGGEPLKLL PDIYGWVPAT ENWEQKYGAS WTAEKIAIQL NSKYGKKVLI NLFVGTDDKN SVNHVIHDQ PRLGLPSRDY YECTGIYKEA CTAYVDFMIS VARLIRQEER LPIDENQLAL EMNKVMELEK EIANATAKPE DRNDPMLLYN KMTLAQIQNN FSLEINGKPF SWLNFTNEIM STVNISITNE EDVVVYAPEY LTKLKPIITK YSARDLQNLN SWRFIMDLVS SLSRTYKESR NAFRKALYGT TSETATWRRC ANYVNGNMEN AVGRLYVEAA FAGESKHVVE DLIAQIREVF IQLDDLTWM DAETKKRAEE KALAIKERIG YPDDIVSNDN KLNNEYLELN YKEDEYFENI IQNLKFSQSK QLKKLREKVD KDEWISGAIV VNAFYSSGRN QIVFPAGILQ PPFFSAQQSN SLNYGGIGMV IGHEITHGFD DNGRNFNKG DLVDWWWTQQS ASNFKESQSC MVYQYGNFSW DLAGGQHLNG INTLGENIAD NGGLGQAYRA YQNYIKKNGE EKLLPGLDLN HKQLFFLNFA QVWCGTYRPE YAVNSIKTDV HSPGNFRIIG TLQNSAEFSE AFHCRKNSYM NPEKKCRVW
Sequence Length	750
Species	Human
Production Note	Special Offer: The Yeast host-expressed protein is manufactured from a stock plasmid containing the protein gene. Yeast host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The Yeast host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select Yeast host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for MME recombinant protein	This gene encodes a common acute lymphocytic leukemia antigen that is an important cell surface marker in the identification of human acute lymphocytic leukemia (ALL). This protein is present on leukemic cells of pre-B phenotype, which represent 85% of cases of ALL. This protein is not restricted to leukemic cells, however, and is found on a variety of normal tissues. It is a glycoprotein that is particularly abundant in kidney, where it is present on the brush border of proximal tubules and on glomerular epithelium. The protein is a neutral endopeptidase that cleaves peptides at the amino side of hydrophobic residues and inactivates several peptide hormones including glucagon, enkephalins, substance P, neurotensin, oxytocin, and bradykinin. This gene, which encodes a 100-kD type II transmembrane glycoprotein, exists in a single copy of greater than 45 kb. The 5 untranslated region of this gene is alternatively spliced, resulting in four separate mRNA transcripts. The coding region is not affected by alternative splicing.
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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	81.8 kDa
NCBI Official Full Name	neprilysin isoform a
NCBI Official Synonym Full Names	membrane metalloendopeptidase
NCBI Official Symbol	MME
NCBI Official Synonym Symbols	NEP; SFE; CD10; CALLA; CMT2T; SCA43
NCBI Protein Information	neprilysin
UniProt Protein Name	Neprilysin
UniProt Gene Name	MME
UniProt Synonym Gene Names	EPN; CALLA; NEP; Neutral endopeptidase; SFE

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.