

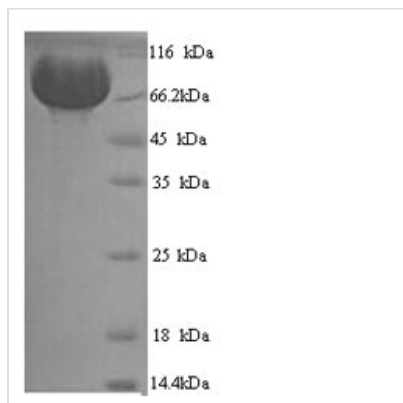


# Recombinant Human Neprilysin (MME), partial

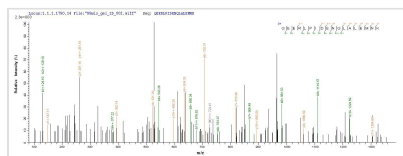
<b>Product Code</b>	CSB-YP014653HU
<b>Relevance</b>	Thermolysin-like specificity, but is almost confined on acting on polypeptides of up to 30 amino acids . Biologically important in the destruction of opioid peptides such as Met- and Leu-enkephalins by cleavage of a Gly-Phe bond . Able to cleave angiotensin-1, angiotensin-2 and angiotensin 1-9 . Involved in the degradation of atrial natriuretic factor (ANF) . Displays UV-inducible elastase activity toward skin preelastic and elastic fibers .
<b>Abbreviation</b>	Recombinant Human MME protein, partial
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P08473
<b>Alias</b>	AtriopeptidaseCommon acute lymphocytic leukemia antigen ;CALLAEnkephalinaseNeutral endopeptidase 24.11 ;NEP ;Neutral endopeptidase;Skin fibroblast elastase ;SFE; CD10
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	YDDGICKSSDCIKSAARLIQNMDATTEPCTDFFKYACGGWLKRNVIPETSSRY GNFDILRDELEVVLKDVLPKTEDIVAVQKAKALYRSCINESAIDSRGGPELLK LLPDIYGWPVATENWEQKYGASWTAEKAIQNLNSKYGKKVLINLFGTDDKNS VNHVIHIDQPRLGLPSRDYYECTGIYKEACTAYVDFMISVARLIRQEERLPIDEN QLALEMNKVMLEKEIANATAKPEDRNDPMLLYNKMTLAQIQNNFSLEINGKPF SWLNFTNEIMSTVNISITNEEDVVVYAPEYLTCLKPILTKYSARDLQNLMSWRFI MDLVSSLSRTYKESRNAFRKALYGTTSETATWRRCANVNGNMENAVGRLYV EAAFAGESKHVVEDLIAQIREVFIQTLDDLTMWMDAETKKRAEEKALAIKERIGYP DDIVSNDNKLNNLEYELNYKEDEYFENIIQNLKFSQSKQLKKLREKVDKDEWIS GAAVVNAFYSSGRNQIVFPAGILQPPFFSAQQSNSLNYGGIGMVIGHEITHGFD DNGRNFNKGDLVDWWTQQSASNFKESQSCMVYQYGNFSWDLAGGQHLN GINTLGENIADNGGLGQAYRAYQNYIKKNGEEKLLPGLDLNHNKQLFFLNFAQV WCGTYRPEYAVNSIKTDVHSPGNFRIIGTLQNSAEFSEAFHCRKNSYMNPEKK CRVW
<b>Research Area</b>	Cancer
<b>Source</b>	Yeast
<b>Target Names</b>	MME
<b>Protein Names</b>	Recommended name: Neprilysin EC= 3.4.24.11 Alternative name(s): Atriopeptidase Common acute lymphocytic leukemia antigen Short name= CALLA Enkephalinase Neutral endopeptidase 24.11 Short name= NEP Short name=

<b>Expression Region</b>	52-750aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	81.8kDa
<b>Protein Length</b>	Extracellular Domain

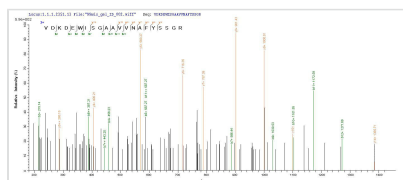
## Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of Yeast host and target protein, the LC-MS/MS Analysis result of CSB-YP014653HU could indicate that this peptide derived from Yeast-expressed Homo sapiens (Human) MME.



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## Description

Presenting our premium Recombinant Human MME protein, an essential tool for researchers focused on cancer studies. Neprilysin (CD10) is expressed in yeast, and this recombinant protein encompasses the extracellular domain (52-750aa), providing superior performance for a wide range of applications in cancer research.

Engineered with an N-terminal 6xHis-tag, our Recombinant Human MME protein allows for seamless purification and detection. Boasting a purity of greater than 90% as determined by SDS-PAGE, you can confidently rely on the exceptional quality of this protein to enhance your cancer research endeavors. Available in both liquid and lyophilized powder formats, choose the most suitable form to meet your experimental needs and optimize your research workflow with our Recombinant Human MME protein.

## Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a



concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

### **Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

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