

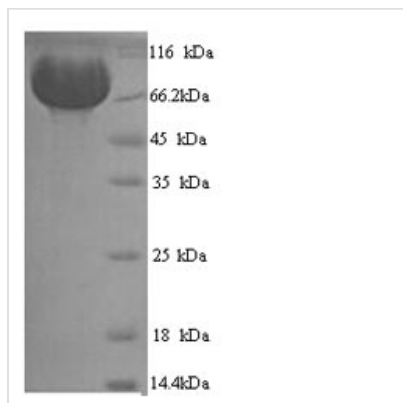


Recombinant Human Neprilysin (MME), partial

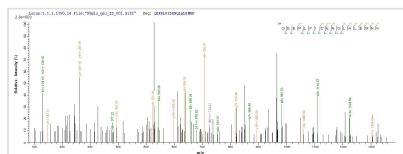
Product Code	CSB-YP014653HU
Relevance	Thermolysin-like specificity, but is almost confined on acting on polypeptides of up to 30 amino acids . Biologically important in the destruction of opioid peptides such as Met- and Leu-enkephalins by cleavage of a Gly-Phe bond . Able to cleave angiotensin-1, angiotensin-2 and angiotensin 1-9 . Involved in the degradation of atrial natriuretic factor (ANF) . Displays UV-inducible elastase activity toward skin preelastic and elastic fibers .
Abbreviation	Recombinant Human MME protein, partial
Storage	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.
Uniprot No.	P08473
Alias	AtriopeptidaseCommon acute lymphocytic leukemia antigen ;CALLAEnkephalinaseNeutral endopeptidase 24.11 ;NEP ;Neutral endopeptidase;Skin fibroblast elastase ;SFE; CD10
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	YDDGICKSSDCIKSAARLIQNMDATTEPCTDFFKYACGGWLKRNVIPETSSRY GNFDILRDELEVVLKDVLPKTEDIVAVQKAKALYRSCINESAIDSRGGPELLK LLPDIYGWPVATENWEQKYGASWTAEKAIQLNSKYGKKVLINLFVGTDDKNS VNHVIHIDQPRLGLPSRDYECTGIYKEACTAYVDFMISVARLIRQEERLPIDEN QLALEMNKVMLEKEIANATAKPEDRNDPMLLYNKMTLAQIQNNFSLEINGKPF SWLNFTNEIMSTVNISITNEEDVVVYAPEYLTKLKPILTKYSARDLQNLMSWRFI MDLVSSLSRITYKESRNAFRKALYGTTSETATWRRCANYVNGNMENAVGRLYV EAAFAGESKHVVEDLIAQIREVFIQTLLDDLTWMDAETKKRAEEKALAIKERIGYP DDIVSNDNKLNNEYLELNYKEDEYFENIIQNLKFSQSKQLKREKVDKDEWIS GAAVVNAFYSSGRNQIVFPAGILQPPFFSAQQSNSLNYGGIGMVGHEITHGFD DNGRNFNKDGLVDWWTQQSASNFKESQCMVYQYGNFSWDLAGGQHLN GINTLGENIADNGGLGQAYRAYQNYIKKNGEEKLLPGLDLNHKQLFFLNFAQV WCGTYRPEYAVNSIKTDVHSPGNFRIIGTLQNSAEFSEAFHCRKNSYMNPEKK CRVW
Research Area	Cancer
Source	Yeast
Target Names	MME
Protein Names	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=



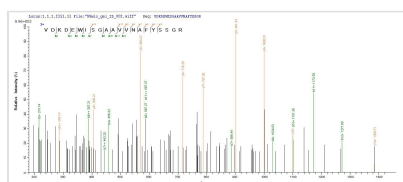
Expression Region	52-750aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	81.8kDa
Protein Length	Extracellular Domain

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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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

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