

Membrane Metalloendopeptidase Human Recombinant

Item Number	rAP-1458
Synonyms	Membrane Metalloendopeptidase, Common Acute Lymphocytic Leukemia Antigen, Neutral Endopeptidase 24.11, Skin Fibroblast Elastase, Neutral Endopeptidase, Atriopeptidase, Enkephalinase, EC 3.4.24.11, Neprilysin, CALLA, NEP, SFE, Membrane Metallo-Endopeptidase
Description	MME Human Recombinant produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 708 amino acids (52-750 a.a.) and having a molecular mass of 80.9kDa (Molecular size on SDS-PAGE will appear at approximately 70-100kDa). MME is expressed with a 6 amino acid His tag at C-Terminus and
Uniprot Accession Number	P08473
Amino Acid Sequence	ADPYDDGICK SSDCIKSAAR LIQNMDATTE PCTDFFKYAC GGWLKRNVIP ETSSRYGNFD ILRDELEVVL KDLVLEPKTE DIVAVQKAKA LYRSCINESA IDSRGGEPLL KLLPDIYGWP VATENWEQKY GASWTAEKAI AQLNSKYGKK VLINLFVGTD DKNSVNHVIH IDQPRGLGPS RDYYECTGIY KEACTAYVDF MISVARLIRQ EERLPIDENQ LALEMNKVME LEKEIANATA KPEDRNDPML LYNKMTLAQI QNNFSLEING KPFSWLNFTN EIMSTVNISI TNEEDVVVYA PEYLTKLKPI LTKYSARDLQ NLMSWRFIMD LVSSLSRTYK ESRNAFRKAL YGTTSETATWRRRCANYVNGN MENAVGRLYV EAAFAGESKH VVEDLIAQIR EVFIQTLDDL TWMDAETKKR AEEKALAIKE RIGYPDDIVS NDNKLNNEYL ELNYKEDEYF ENIIQNLKFS QSKQLKKLRE KVDKDEWISG AAVVNAFYSS GRNQIVFPAG ILQPPFFSAQ QSNLSNYGGI
Source	Sf9, Insect cells.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	MME protein solution (1mg/ml) 20 mM Tris-HCl buffer (pH 8.0) containing 100mM NaCl, 0.1mM PMSF and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**