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32-6844: MME Human

Alternative Name :	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 (Neutral Endopeptidase, Enkephalinase, CALLA, CD10), Membrane Metallo-Endopeptidase Variant 1, Membrane Metallo-Endopeptidase Variant 2, Neprilysin-390, Neprilysin-411, CD10 Antigen, EC 3.4.24, CMT2T, SCA43, CD10, EPN, MME.Â Â

Description

Source: Sf9, Insect cells.
Sterile Filtered clear solution.
Membrane Metalloendopeptidase, also known as MME is a zinc metallopeptidase which is expressed at the cell surface of various cells. MME degrades the amyloid beta peptide whose abnormal misfolding as well as aggregation in neural tissue has been implicated as the cause for Alzheimer's disease. MME is expressed in an extended range of tissues and is especially plentiful in the kidney. MME is also a common acute lymphocytic leukemia antigen which is a significant cell surface marker in the diagnosis of human acute lymphocytic leukemia (ALL). MME is used in hematological diagnosis because it is expressed by early B, pro-B and pre-B lymphocytes, and also by lymph node germinal centers.
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 purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	MME protein solution (1mg/ml) 20 mM Tris-HCl buffer (pH 8.0) containing 100mM NaCl, 0.1mM PMSF and 10% glycerol.
Storage condition :	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.
Amino Acid :	ADPYDDGICK SSDCIKSAAR LIQNMDATTE PCTDFFKYAC GGWLKRNVIP ETSSRYGNFD ILRDELEVVL KDVLQEPKTE DIVAVQKAKA LYRSCINESA IDSRGGEPLL KLLPDIYGWP VATENWEQKY GASWTAEKAI AQLNSKYGKK VLINLFVGTD DKNSVNHVIH IDQPRLGLPS RDYYECTGIY KEACTAYVDF MISVARLIRQ EERLPIDENQ LALEMNKVME LEKEIANATA KPEDRNDPML LYNKMTLAQI QNNFSLEING KPFSWLNFTN EIMSTVNISI TNEEDVVVYA PEYLTKLKPI LTKYSARDLQ NLMSWRFIMD LVSSLSRTYK ESRNAFRKAL YGTTSETATWRRCANYVNGN MENAVGRLYV EAAFAGESKH VVEDLIAQIR EVFIQTLDDL TWMDAETKKR AEEKALAIKE RIGYPDDIVS NDNKLNNEYL ELNYKEDEYF ENIIQNLKFS QSKQLKKLRE KVDKDEWISG AAVVNAFYSS GRNQIVFPAG ILQPPFFSAQ QSNSLNYGGI GMVIGHEITH GFDDNGRNFN KDGDLVDWWT QQSASNFKEQ SQCMVYQYGN FSWDLAGGQH LNGINTLGEN IADNGGLGQA YRAYQNYIKK NGEEKLLPGL DLNHKQLFFL NFAQVWCGTY RPEYAVNSIK TDVHSPGNFR IIGTLQNSAE FSEAFHCRKN SYMNPEKKCR VWHHHHHH

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