

Active Recombinant Human MME protein

Cat. No. MME-0518H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human MME protein(P08473)(Tyr52-Trp750) is expressed from HEK293 without tag.
Species	Human
Source	HEK293
ProteinLength	52-750 aa
Form	Supplied as 0.22 µm filtered solution in 50mM MES, 100mM NaCl, 10% glycerol (pH 6.5).
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, Mca-RPPGFSAFK (Dnp) -OH. The specific activity is > 1500 pmoles/min/µg.
Molecular Mass	The protein has a predicted MW of 79.83 kDa. Due to glycosylation, the protein migrates to 80-100 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [MME membrane metallo-endoropeptidase \[Homo sapiens \]](#)

Official Symbol [MME](#)

Synonyms MME; membrane metallo-endoropeptidase; neprilysin; CALLA; CD10; enkephalinase; NEP; neutral endopeptidase; atriopeptidase; skin fibroblast elastase; neutral endopeptidase 24.11; membrane metallo-endoropeptidase variant 1; membrane metallo-endoropeptidase variant 2; common acute lymphocytic leukemia antigen; membrane metallo-endoropeptidase (neutral endopeptidase, enkephalinase); membrane metallo-endoropeptidase (neutral endopeptidase, enkephalinase, CALLA, CD10); SFE; MGC126681; MGC126707; DKFZp686O16152;

Gene ID [4311](#)

mRNA Refseq [NM_000902](#)

Protein Refseq [NP_000893](#)

MIM [120520](#)

UniProt ID [P08473](#)

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