

Proteoliposomes

Full-Length

MME (Human) Recombinant Protein

Catalog # H00004311-G01

Size 10 ug

Specification

Product Description

Human MME full-length ORF (AAI01659.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MGKSESQMDITDINTPKPKKKQRWTPLEISLSVLVLLLTIIAVTMIALYATYDDGICKSSDCIKSAARLI
QNMDATTEPCTDFFKYACGGWLKRNVIPETSSRYGNFDILRDELEVVLKDVLPKTEDIVAVQK
AKALYRSCINESAIDSRGGEPLLKLLPDIYGWPVATENWEQKYGASWTAEKAIQNLNSKYGKKVLI
NLFVGTDDKNSVNHVIHIDQPRGLPSRDYECTGMKEACTAYVDFMISVARLIRQEERLPIDENQL
ALEMNKVMLEKEIANATAKPEDRNDPMLLYNKMTLAQIQNNFSLEINGKPF SWLNFTNEIMSTVNI
SITNEEDVVVYAPEYLTKLPILTKYSARDLQNLMSWRFIMDLVSSLSRTYKESRNAFRKALYGTTT
ETATWRRRCANYVNGNMENAVGRLYVEAAFAGESKHVVEDLIAQIREVFIQTLDDL TWMDAETKKR
AEEKALAIKERIGYPDDIVSNDNKLNNEYLELNYKEDEYFENIIQNLKFSQSKQLKKLREKVDKDEWI
SGAAVNAFYSSGRNQIVFPAGILQPPFFSAQQSNSLNYGGIGMVIGHEITHGFDDNGRNFNKGDGD
LVDWWTQQSASNFKESQCMVYQYGNFSWDLAGGQHLNGINTLGENIADNGGLGQAYRAYQNYI
KKNGEKLLPGLDLNHHQLFFLNFAQVWCGTYRPEYAVNSIKTDVHSPGNFRIQTLQNSAEFSEA
FHCRKNSYMNPEKKCRVW

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

85.5

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — MME

Entrez GeneID [4311](#)

GeneBank Accession# [BC101658.1](#)

Protein Accession# [AAI01659.1](#)

Gene Name MME

Gene Alias CALLA, CD10, DKFZp686O16152, MGC126681, MGC126707, NEP

Gene Description membrane metallo-endopeptidase

Omim ID [120520](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene encodes a common acute lymphocytic leukemia antigen that is an important cell surface marker in the diagnosis of human acute lymphocytic leukemia (ALL). This protein is present on leukemic cells of pre-B phenotype, which represent 85% of cases of ALL. This protein is not restricted to leukemic cells, however, and is found on a variety of normal tissues. It is a glycoprotein that is particularly abundant in kidney, where it is present on the brush border of proximal tubules and on glomerular epithelium. The protein is a neutral endopeptidase that cleaves peptides at the amino side of hydrophobic residues and inactivates several peptide hormones including glucagon, enkephalins, substance P, neurotensin, oxytocin, and bradykinin. This gene, which encodes a 100-kD type II transmembrane glycoprotein, exists in a single copy of greater than 45 kb. The 5' untranslated region of this gene is alternatively spliced, resulting in four separate mRNA transcripts. The coding region is not affected by alternative splicing. [provided by RefSeq]

Other Designations

atriopeptidase|common acute lymphocytic leukemia antigen|enkephalinase|membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase)|membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase, CALLA, CD10)|membrane metallo-endopeptidase

Pathway

- [Hematopoietic cell lineage](#)
- [Renin-angiotensin system](#)

Disease

- [Alzheimer disease](#)
- [Anorexia Nervosa](#)
- [Atherosclerosis](#)
- [Brain Injuries](#)
- [Bulimia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)