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Datasheet for ABIN7504255 MME Protein (AA 52-750)

Overview

Quantity:	100 µg
Target:	MME
Protein Characteristics:	AA 52-750
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant

Product Details

Purpose:	Human CD10/MME Protein
Sequence:	Tyr52-Trp750
Characteristics:	Recombinant Human CD10/MME Protein is expressed from HEK293 without tag. It contains Tyr52-Trp750.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	MME
Alternative Name:	CD10 (MME Products)
Background:	CD10 is an endopeptidase that degrades various bioactive peptides in the extracellular matrix.

Target Details

In addition to enzymatic degradation, it affects multiple intracellular signal transduction pathways. CD10 expression has been extensively studied in human epithelial cancers of numerous organs and sites. CD10 expression pattern depended on the histotypes of thyroid lesions. When possible metastatic tumours and non-epithelial tumours are excluded, high CD10 expression may be useful in determining whether a primary thyroid carcinoma includes an anaplastic component.

Molecular Weight:	79.83 kDa. Due to glycosylation, the protein migrates to 80-100 kDa based on Tris-Bis PAGE result.
UniProt:	P08473
Pathways:	RTK Signaling , Peptide Hormone Metabolism , Regulation of Systemic Arterial Blood Pressure by Hormones , Smooth Muscle Cell Migration

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Supplied as 0.22 µm filtered solution in 50 mM MES, 100 mM NaCl, 10 % glycerol (pH 6.5).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months