

# Recombinant Mouse CD10/MME Protein

Catalog No.: RP02735 **Recombinant**

## Sequence Information

**Species**    **Gene ID**    **Swiss Prot**  
Mouse                      Q61391

### Tags

N-His

### Synonyms

Nepriylisin; Atriopeptidase;  
Enkephalinase; NEP; Neutral; SFE; CD10;  
MME; CALLA; DKFZp686O16152;  
MGC126681; MGC126707

## Product Information

**Source**                      **Purification**  
HEK293 cells              > 95% as  
   determined by Tris-  
   Bis PAGE > 95% as  
   determined by HPLC

### Endotoxin

Less than 1EU per µg by the LAL method.

### Formulation

#### Reconstitution

Centrifuge the tube before opening.  
Reconstitute to a concentration of  
0.1-0.5 mg/mL in sterile distilled water.  
Avoid vortex or vigorously pipetting the  
protein. For long term storage, it is  
recommended to add a carrier protein or  
stabilizer (e.g. 0.1% BSA, 5% HSA, 10%  
FBS or 5% Trehalose), and aliquot the  
reconstituted protein solution to  
minimize free-thaw cycles.

## Contact

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## Background

CD10 is an endopeptidase that degrades various bioactive peptides in the extracellular matrix. 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.

## Basic Information

### Description

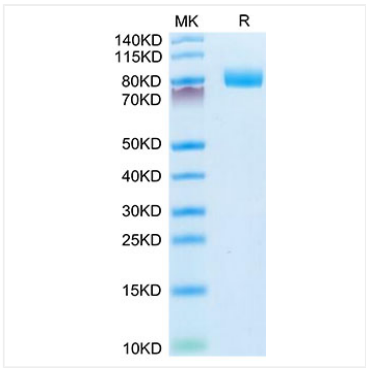
Recombinant Mouse CD10/MME Protein is expressed from Expi293 with His tag at the N-terminal. It contains Tyr52-Trp750.

### Bio-Activity

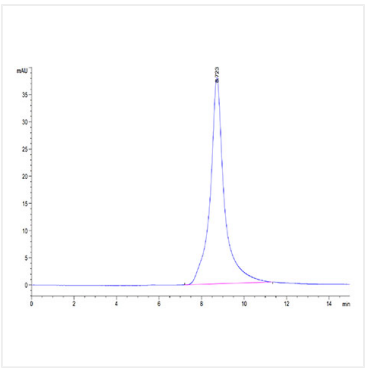
#### Storage

Store the lyophilized protein at -20°C to -80°C for long term.  
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.  
Avoid repeated freeze/thaw cycles.

Validation Data



Mouse CD10 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Mouse CD10 is greater than 95% as determined by SEC-HPLC.