

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



CPM (L113) Peptide

Cat No.: BS3827P

Background

Carboxypeptidase M (CPM) is a 443 amino acid protein belonging to the metallo-carboxypeptidase (metallo-CP) family. Localized to the cell membrane, CPM contains hydrophobic regions in the N and C- termini and has six potential asparagine-linked glycosylation sites. Functionally, CPM specifically removes C-terminal basic amino acids (arginine or lysine) from proteins and polypeptides and is believed to play a role in monocyte to macrophage differentiation. CPM is also thought to play an important role in the control of peptide hormone and growth factor activity at the cell surface, as well as in the membrane-localized degradation of extracellular proteins. Three isoforms of this protein exist as a result of alternative splicing events.

Swiss-Prot

P14384

Applications

Blocking

Specificity

This peptide can be used with studies using BS3827 CPM (L113) pAb.

Purification & Purity

Synthetic peptide CPM (L113). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.