

### 32-18213: Recombinant Human CPM Protein, His Tag

**Uniprot ID :** P14384

**Alternative Name :** CBPM

#### Description

Molecular Characterization: CPM(Leu18-His422) 6Å—His tag

Molecular weight: The protein has a predicted molecular mass of 47.1 kDa after removal of the signal peptide. The apparent molecular mass of CPM-His is approximately 35-55 kDa due to glycosylation.

Description: Recombinant Human CPM Protein with C-terminal 6Å—His tag

The protein encoded by this gene is a membrane-bound arginine/lysine carboxypeptidase. Its expression is associated with monocyte to macrophage differentiation. This encoded protein contains hydrophobic regions at the amino and carboxy termini and has 6 potential asparagine-linked glycosylation sites. The active site residues of carboxypeptidases A and B are conserved in this protein. Three alternatively spliced transcript variants encoding the same protein have been described for this gene.

#### Product Info

**Amount :** 100 µg / 50 µg

**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

**Storage condition :** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.