

## Product datasheet for **TP724486**

### Human CPM Protein, His Tag

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Human CPM Protein, His Tag
<b>Expression Host:</b>	HEK293
<b>Tag:</b>	C-6×His
<b>Predicted MW:</b>	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.
<b>Purity:</b>	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
<b>Reconstitution Method:</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
<b>Storage:</b>	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.
<b>Stability:</b>	12 months from date of despatch
<b>Summary:</b>	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. [provided by RefSeq, Jul 2008]



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