PRODUCT INFORMATION

Target	CPM
Synonyms	CBPM
Description	Recombinant Human CPM Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P14384
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	CPM(Leu18-His422) 6×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.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	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]
Usage	Research use only
Conjugate	Unconjugated

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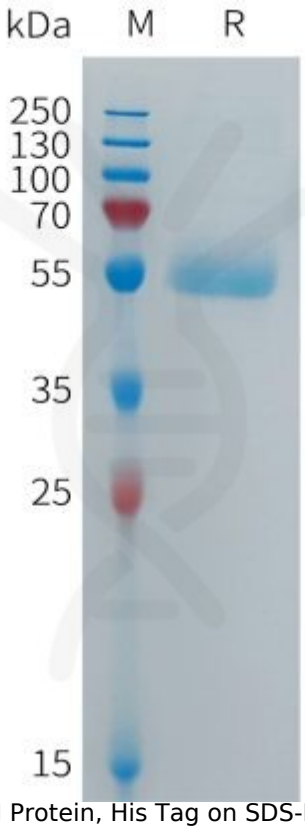


Figure 1.Human CPM Protein, His Tag on SDS-PAGE under reducing condition.

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