

Recombinant Mouse MCPT1 protein(Met1-Lys246), His-tagged

Cat. No. Mcpt1-306M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse MCPT1 (NP_032596.1) (Met 1-Lys 246) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-246 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant mouse MCPT1 consists of 239 amino acids and has a predicted molecular mass of 26.8 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm MCPT1 is approximately 32-34 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Mcpt1 mast cell protease 1 [Mus musculus]
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Official Symbol	MCPT1
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Synonyms	MCPT1; mast cell protease 1; MMCP-1; Mcp-1; AV080368;
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Gene ID	17224
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mRNA Refseq	NM_008570
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Protein Refseq	NP_032596
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