

Recombinant Rat MCPT2 Protein (21-247 aa), His-Myc-tagged

Cat. No. MCPT2-2294R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat MCPT2 Protein (21-247 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal and a Myc tag at the C-terminal. Protein Description: Full Length of Mature Protein.
Species	Rat
Source	E.coli
ProteinLength	21-247 aa
Description	This enzyme, isolated from small intestine, specifically inactivates the apo forms of a certain group of intracellular pyridoxal phosphate-requiring enzymes. It has chymotrypsin-like specificity towards small substrates.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	30.5 kDa
AA Sequence	IIGGVESIPHSRPYMAHLDIVTEKGLRVICGGFLISRQFVLTAAHCKGREITVILGAHDV RKRESTQQKIKVEKQIIHESYNSVPLNLDIMLLKLEKKVELTPAVNVVPLPSPSDFIHP GAMCWAAGWGKTGVRDPTSYTLREVELRIMDEKACVDYRYEYKFQVCVGSPTTL RAAFMGDSGGPLLCAHVAHGIVSYGHPDAKPPAIFTRVSTYVPWINAVINTSS
Purity	> 85% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

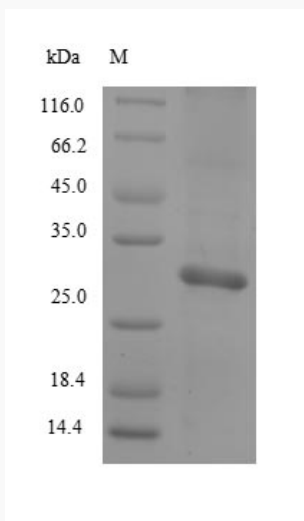
GENE INFORMATION

Gene Name	Mcpt2 mast cell protease 2 [Rattus norvegicus (Norway rat)]
Official Symbol	MCPT2
Synonyms	Mcpt2;
Gene ID	29266
mRNA Refseq	NM_172044
Protein Refseq	NP_742041
UniProt ID	P00770

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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