

Recombinant Rat Ptma Protein, His&GST-tagged

Cat. No. Ptma-2000R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ptma Protein (Ser2-Asp112) with N-His&GST tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ser2-Asp112
Description	Predicted to enable DNA-binding transcription factor binding activity and histone binding activity. Involved in negative regulation of cysteine-type endopeptidase activity involved in apoptotic process; positive regulation of NF-kappaB transcription factor activity; and positive regulation of transcription by RNA polymerase II. Predicted to be located in cytosol and nucleoplasm. Orthologous to human PTMA (prothymosin alpha).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42.2 kDa Accurate Molecular Mass: 42 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

 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

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 100mM NaHCO ₃ , 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

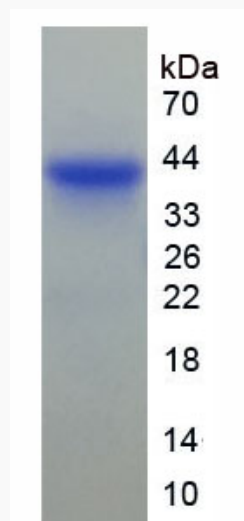
GENE INFORMATION

Gene Name	Ptma prothymosin alpha [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Ptma
Synonyms	PTMA; prothymosin alpha; alpha-prothymosin; prothymosin-alpha;
Gene ID	29222
mRNA Refseq	NM_021740
Protein Refseq	NP_068508
UniProt ID	P06302

 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



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