

Recombinant Human parathymosin, His-tagged

Cat. No. PTMS-303H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PTMS, 1-102 aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-102 a.a.
Description	PTMS belongs to the pro/parathymosin family. This protein may mediate immune function by blocking the effect of prothymosin alpha which confers resistance to certain opportunistic infections. Recombinant human PTMS protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT
Molecular Mass	13.9 kDa (125aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSEKSVE AAAELSAKDL KKKKEKVEEK ASRKERKKEV VEEEENGAE EEEETAEDGE EEDEGEEDE EEEEEDEGP ALKRAAEEED EADPKRQKTE NGASA
Purity	>95% by SDS - PAGE

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Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
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Concentration	0.5 mg/ml (determined by BCA assay)
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GENE INFORMATION

Gene Name	PTMS parathymosin [Homo sapiens]
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Official Symbol	PTMS
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Synonyms	PTMS; parathymosin; ParaT;
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Gene ID	5763
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mRNA Refseq	NM_002824
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Protein Refseq	NP_002815
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MIM	168440
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UniProt ID	P20962
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Chromosome Location	12p13
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