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## Product Data Sheet

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Product Name: PTMS Human  
 Cat. No.: GP24269  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	ParaT; parathymosin.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMSEKSVE AAAELSAKDL KKKKKVEEK ASRKERKKEV VEEEEENGAEETAEDE EEEDEDEGP ALKRAAEEED EADPKRQKTE NGASA		
Formulation	PTMS protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.		

### Introduction

Parathymosin, also known as PTMS is a member of the pro/parathymosin family. PTMS may mediate immune function by blocking the effect of prothymosin alpha which confers resistance to particular opportunistic infections. Among the diseases associated with PTMS are hepatitis b, and Alzheimer's disease.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

PTMS Human Recombinant produced in E. Coli is a single, non-glycosylated polypeptide chain containing 125 amino acids (1-102aa) and having a molecular mass of 13.9kDa.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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