

Prothymosin Alpha Recombinant Protein | PTMA recombinant protein

Recombinant Human Prothymosin Alpha

CATALOG # AAA39095	HOST E Coli
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PRODUCT SYNONYMS

Prothymosin Alpha; Recombinant Human Prothymosin Alpha; PTMA Human; Prothymosin Alpha Human Recombinant; Prothymosin alpha; TMSA; PTMA; N-terminally processed; Thymosin alpha-1; PTMA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	The PTMA solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol. Sterile Filtered colorless solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMGS MSDAAVDTSS EITTKDLKEK KEVVEEAENG RDAPANGNAN EENGQEADN EVDEEEEEEG EEEEEEEEGD GEEEDGDEDE EAESATGKRA AEDDEDDDDVD TKKQKTDEDD .
Sequence Length	111
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree 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.

ADDITIONAL INFORMATION

Related Product Information for PTMA recombinant protein	Description: PTMA Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 133 amino acids (1-110) and having a molecular mass of 14.5 kDa. PTMA is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Introduction: Prothymosin alpha (PTMA) is a part of the pro/parathymosin family. PTMA mediates immune function by conferring resistance to some opportunistic infections.
Product Categories/Family for PTMA recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	151101407
NCBI GeneID	5757
NCBI Accession #	NP_001092755.1
NCBI GenBank Nucleotide #	NM_001099285.1
UniProt Accession #	P06454 ; Q15249 ; Q15592
Molecular Weight	14.5kDa
NCBI Official Full Name	prothymosin alpha isoform 1
NCBI Official Synonym Full Names	prothymosin, alpha

NCBI Official Symbol	PTMA
NCBI Official Synonym Symbols	TMSA
NCBI Protein Information	prothymosin alpha; gene sequence 28; prothymosin alpha protein
UniProt Protein Name	Prothymosin alpha
UniProt Gene Name	PTMA
UniProt Synonym Gene Names	TMSA
UniProt Entry Name	PTMA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ptma-recombinant-protein-e-coli/39095>