

PTMA, 1-110aa, Human, His tag, E.coli

Cat.NO.: TP03592

3th Edition

Synonyms: Prothymosin alpha , TMSA

Description: Prothymosin alpha, also known as PTMA, belongs to the pro/parathymosin family. This protein may mediate immune function by conferring resistance to certain opportunistic infections. Recombinant human PTMA 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, 10% glycerol

Molecular Weight: 14.5 kDa (133aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMDSAAVDTSSSEITTKDLKEKKEVVEEAENGRDAPANGNANEENGEQEADN
EVDEEEEGEEEEEEEEEGDGEEDGDEDEEAESATGKRAAEDDEDDVDTKKQKTDEDD

Purity: > 95% by HPLC

Concentration: 0.25 mg/ml (determined by BCA assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.