

Recombinant Human Prothymosin, Alpha, 1-99aa

PTMA-2383H Human

Lot. No. (See product label)

Specification

Product Overview

Recombinant Human Prothymosin, Alpha (aa 1-99) is Expressed in *E. coli*. Native sequence representing mature prothymosin α (ProT α) isolated from human cells (no affinity-tags, no additional added (linker) sequences). Purified from overproducing bacterial strains by a phenol extraction procedure, DEAE chromatography, and ethanol precipitation.

Description

The exact length of the human protein is 109 aa corresponding to the NCBI data base entries AAH34921 and TNHUA. The N-terminal M is absent in the mature protein (otherwise, it would be 110). ProT α is acetylated at the N-terminal S. MALDI-MS data for the recombinant ProT α isolated from bacteria show that the protein is partially acetylated.

Source

E. coli.

Purity

$\geq 90\%$.

Concentration

2.5mg/ml.

Biological Activity

Stimulates mouse thymocytes comparable to native ProT α .

Formulation

Liquid. 50 μ g dissolved in sterile water.

Storage

-20°C.

Gene Information

Gene Name

[PTMA prothymosin, alpha \[Homo sapiens \]](#)

Synonyms

PTMA; prothymosin, alpha; TMSA; MGC104802; gene sequence 28; prothymosin alpha protein

Gene ID

[5757](#)

mRNA Refseq

[NM_001099285](#)

Protein Refseq

[NP_001092755](#)

MIM

[188390](#)

UniProt ID

[P06454](#)

Chromosome Location

2q35-q36

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