

Product: Thymosin β_4 Acetate
Catalog #: 12-4248
Amount: 250 μg

DESCRIPTION: Thymosin β_4 is a 43 amino acid peptide which is regarded as the main intracellular G-actin sequestering peptide. Extracellular Thymosin β_4 may contribute to physiological processes such as angiogenesis, wound healing, and regulation of inflammation.
Thymosin β_4 has an a.a. sequence of
Ac-Ser-Asp-Lys-Pro-Asp-Met-Ala-Glu-Ile-Glu-Lys-Phe-Asp-Lys-Ser-Lys-Leu-Lys-Lys-Thr-Glu-Thr-Gln-Glu-Lys-Asn-Pro-Pro-Ser-Lys-Glu-Thr-Ile-Glu-Gln-Glu-Lys-Gln-Ala-Gly-Glu-Ser-OH.

SOURCE: Synthetic peptide

PURITY: > 99%, as determined by:
(a) Analysis by RP-HPLC and anion-exchange FPLC
(b) Analysis by reducing and non-reducing SDS-PAGE Silver Stained gel

ENDOTOXIN: < 0.1 ng/ μg (IEU/ μg) of Thymosin β_4

DIMERS & AGGREGATES: < 1% as determined by silver stained SDS-PAGE gel analysis

PROTEIN CONTENT: Protein quantitation was carried out by 2 independent methods:
- UV spectroscopy at 280 nm
- Analysis by RP-HPLC, using a standard solution of Thymosin β_4 as a Reference Standard

FORM: Purified, in 0.1 % BSA

STORAGE: -20°C (aliquot), avoid freezing and thawing cycles

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