

## 32-2088: Thymosin beta 4 Recombinant Protein

**Alternative Name :** Thymosin beta-4,T beta 4,Fx ,TB4X,PTMB4,TMSB4.

### Description

Source : Escherichia Coli. Thymosin b4 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 43 amino acids and having a molecular mass of 4.9kDa.The Thymosin b4 Human is purified by proprietary chromatographic techniques. CB1 cannabinoid receptor-interacting protein 1 (CNRIP1) is a 164 amino acid protein and G-protein coupled receptor which is a member of the CNRIP family. The CNRIP1 interacts with the C-terminal tail of cannabinoid receptor 1. CNRIP1 is expressed in the brain tissue and, at low levels, in the testis. CNRIP1 is involved in appetite, synaptic plasticity, neuroprotection and analgesia.

### Product Info

<b>Amount :</b>	100 µg
<b>Purification :</b>	Greater than 95.0% as determined by SDS-PAGE and HPLC analyses.
<b>Content :</b>	Lyophilized from a 0.2um filtered concentrated solution in 1xPBS, pH 7.4.
<b>Storage condition :</b>	Lyophilized Thymosin B4 Human although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Thymosin B4 Human should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.
<b>Amino Acid :</b>	SDKPDMAEIEKFDKSKLKKT ETQEKNPLPS KETIEQEKQA GES

### Application Note

It is recommended to reconstitute the lyophilized Thymosin B4 in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

