

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

Amount :	100 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE and HPLC analyses.
Content :	Lyophilized from a 0.2um filtered concentrated solution in 1xPBS, pH 7.4.
Storage condition :	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.
Amino Acid :	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.