www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

Thymosin 4

Catalog #:HOPS-010

For research use only.

Description: 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.

Synonyms: Thymosin beta-4, T beta 4, Fx , TB4X, PTMB4, TMSB4.

Source: EscherichiaColi.

Physical Appearance: SterileFiltered White lyophilized (freeze-dried) powder.

Amino Acid Sequence:SDKPDMAEIEKFDKSKLKKT ETQEKNPLPS KETIEQEKQA GES

Purity: Greater than 95.0% as determined by SDS-PAGE and HPLC analyses.

Formulation:
Lyophilized from a 0.2um filtered concentrated solution in 1xPBS, pH 7.4.

Stability:
Lyophilized Thymosin B4 Human althoμgh 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.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

Solubility:
It is recommended to reconstitute the lyophilized Thymosin B4 in sterile 18M-cm H2O not less than 100

Introduction:
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.

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