
Product Data Sheet

Product Name: Thymosin β 4

Cat. No.: GP21314

Batch No.: 1

Product Data

Purity	>98%	Source	EscherichiaColi.
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.
Synonyms	Thymosin beta-4; T beta 4; Fx ; TB4X; PTMB4; TMSB4.		
Amino Acid Sequence	SDKPDMAEIEKFDKSKLKKT ETQEKNPLPS KETIEQEKQA GES		
Solubility	It is recommended to reconstitute the lyophilized Thymosin B4 in sterile 18M-cm H2O not less than 100 μ g/ml, which can then be further diluted to other aqueous solutions.		
Formulation	Lyophilized from a 0.2 μ m filtered concentrated solution in 1xPBS, pH 7.4.		

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.

Stability

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA
