
Product Data Sheet

Product Name: THYN1 Human
 Cat. No.: GP24830
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	MY105; THY28; Thymocyte Protein Thy28; Cyte Nuclear Protein 1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MSRPRKRLAG TSGSDKGLSG KRTKTENSGE ALAKVEDSNP QKTSATKNCL KNLSSHWLMK SEPESRLEKG VDVKFSIEDL KAQPKQTTTCW DGVRNYQARN FLRAMKLGEE AFFYHSNCKE PGIAGLMKIV KEAYPDHTQF EKNNPHYDPS SKEDNPKWSM VDVQFVRMMK RFIPLAELKS YHQAHKATGG PLKNMVLFR QRLSIQPLTQ EEFDFVLSLE EKEPS		
Formulation	The THYN1 protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl buffer (pH 8.0) 1mM DTT, 100mM NaCl and 20% glycerol.		

Introduction

THYN1, is greatly conserved among vertebrates and plant types. THYN1 takes part in the induction of apoptosis. THYN1 in the thymocytes was primarily found in the nucleus, as shown in lymphoma cells, demonstrating that the THYN1 is localized in the nucleus, regardless of the cyclic or resting stage of the cell cycle.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

Background

THYN1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 245 amino acids (1-225a.a.) and having a molecular mass of 27.8kDa. THYN1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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

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