

## THYN1 Human

**Description:** 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.

**Catalog #:** PRPS-277

For research use only.

**Synonyms:** MY105, THY28, Thymocyte Protein Thy28, Cyte Nuclear Protein 1.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered clear solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MSRPKRRLAG TSGSDKGLSG  
KRTKTENSGE ALAKVEDSNP QKTSATKNCL KNLSSHWMK SEPESRLEKG VDVKFSIEDL  
KAQPKQTTWC DGVRNYQARN FLRAMKLGE AFFYHSNCKE PGIAGLMKIV KEAYPDHTQF  
EKNNPHYDPS SKEDNPKWSM VDVQFVRMMK RFIPLAELKS YHQAHKATGG PLKNMVLFR  
QRLSIQPLTQ EE

**Purity:** Greater than 95% as determined by SDS-PAGE.

### 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.

### Usage:

NeoBiolabs products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

### 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.

### Storage:

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.

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