

Recombinant Human Thymocyte Nuclear Protein 1, His-tagged

Cat. No. THYN1-2835H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human THYN1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. MW = 27.8 kDa (245aa) confirmed by MALDI-TOF (molecular size on SDS-PAGE will appear higher).
Species	Human
Source	E.coli
Description	Thymocyte nuclear protein 1, also known THYN1, is highly conserved among vertebrates and plant species and may be involved in the induction of apoptosis. Also, THYN1 in the thymocytes was mainly localized in the nucleus, as recently demonstrated in lymphoma cells, indicating that the THYN1 resides in the nucleus, irrespective of the cyclic or resting stage of the cell cycle.
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MSRPKRLAG TSGSDKGLSG KRTKTENSGE ALAKVEDSNP QKTSATKNCL KNLSHWLMK SEPESRLEKG VDVKFSIEDL KAQPKQTTWC DGVRNYQARN FLRAMKLGEE AFFYHSNCKE PGIAGLMKIV KEAYPDHTQF EKNNPHYDPS SKEDNPKWSM VDVQFVRMMK RFIPLAELKS YHQAHKATGG PLKNMVLFTQ QRLSIQPLTQ EEFDVLSLE EKEPS
Purity	> 95% by SDS – PAGE.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol, 100mM NaCl.

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Concentration	0.5 mg/ml (determined by Bradford assay).
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Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
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GENE INFORMATION

Gene Name	THYN1 thymocyte nuclear protein 1 [Homo sapiens]
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Synonyms	THYN1; thymocyte nuclear protein 1; MY105; THY28; MDS012; HSPC144; THY28KD; MGC12187; thymocyte protein thy28
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Gene ID	29087
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mRNA Refseq	NM_001037304
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Protein Refseq	NP_001032381
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UniProt ID	Q9P016
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Chromosome Location	11q25
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