

Product information



THYN1, 1- 225 aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0760

Full name: Thymocyte nuclear protein 1

NCBI Accession No.: NP_054893

Synonyms: HSPC144, MDS012, MY105, THY28, THY28KD

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. Recombinant human THYN1 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

<p>Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol, 100mM NaCl</p> <p>Molecular Weight: 27.8 kDa (245aa) confirmed by MALDI-TOF (molecular size on SDS-PAGE will appear higher)</p> <p>Purity: > 95% by SDS - PAGE</p> <p>Concentration: 0.5 mg/ml (determined by Bradford assay)</p>	<p>(kDa)</p> <p>57 40 28 18 13.5</p> <p>15% SDS-PAGE (3ug)</p>
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Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MSRPKRKLAG TSGSDKLSG KRTKTENSGE ALAKVEDSNP QKTSATKNCL KNLSSHWMK SEPESRLEKG
VDVKFSIEDL KAQPKQTTWCW DGVARNYQARN FLRAMKLGEE AFFYHSNCKE PGIAGLMKIV KEAYPDHTQF EKNNPHYDPS SKEDNPKWSM
VDVQFVRMMK RFIPLAELKS YHQAHKATGG PLKNMVLFTQ QRLSIQPLTQ EEEDFVLSLE EKEPS

General references:

Miyaji H., *et al.* (2002) *Gene*. 297(2):189-96.

Jiang X., *et al.* (2003) *Tissue Cell*. 35(6):471-8.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

Product information



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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