

AR09699PU-N

Human THYN1 / THY28 (1-225, His-tag) - Purified

Alternate names: HSPC144, MDS012, My0054, Thymocyte nuclear protein 1, Thymocyte protein Thy28
Quantity: 0.1 mg
Concentration: 0.5 mg/ml (determined by Bradford assay)
Background: 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.

Uniprot ID: [Q9P016](#)

NCBI: [NP_001032381](#)

GeneID: [29087](#)

Species: Human

Source: E. coli

Format: **State:** Liquid purified protein
Purity: >95%

Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol, 100mM NaCl

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

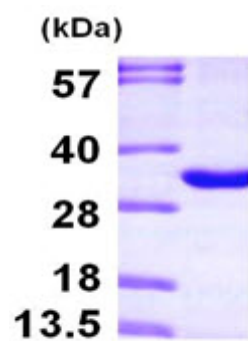
AA Sequence:

MGSSHHHHHH SSGLVPRGSH MSRPRKRLAG TSGSDKGLSG KRTKTENSGE ALAKVEDSNP
 QKTSATKNCL KNLSSHWMK SEPESRLEKG VDVKFSIEDL KAQPKQTTCW DGVARNYQARN
 FLRAMKLGE AFFYHSNCKE PGIAGLMKIV KEAYPDHTQF EKNPNHYDPS SKEDNPKWSM
 VDVQFVRMMK RFIPLAELKS YHQAHKATGG PLKNMVLFTQ QRLSIQPLTQ EEFDVLSLE EKEPS
Molecular weight: 27.8 kDa (245aa) confirmed by MALDI-TOF (molecular size on SDS-PAGE will appear higher).

Storage: Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.
 Avoid repeated freezing and thawing.
 Shelf life: one year from despatch.

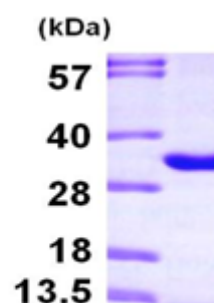
General Readings: Miyaji H., et al. (2002) Gene. 297(2):189-96.
 Jianq X., et al. (2003) Tissue Cell. 35(6):471-8.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human THYN1, 1- 225 aa,
His-tagged



15% SDS-PAGE (3ug)