

**THYN1, 1-225aa, Human, His tag, E.coli**

**Cat.NO.: TP04212**

3th Edition

**Synonyms:**Thymocyte nuclear protein 1, 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.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol, 100mM NaCl

**Molecular Weight:**27.8 kDa (245aa) confirmed by MALDI-TOF (molecular weight on SDS-PAGE will appear higher)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMSRPRKRLAGTSGSDKGLSGKRTKTENSGEALAKVEDSNPQKTSATKNCLKNLS  
SHWLMKSEPEsrLEKGVdVKFSIEDLKAQPKQTTCWDGVRNYQARNFLRAMKLGEEAFFYHSNCKEPIAGLMKI  
VKEAYPDHTQFEKNNPHYDPSSKEDNPKWSMVDVQFVRMMKRFIPLAELKSYHQAHKATGGPLKNMVLFTQRRL  
SIQPLTQEEFDVLSLEEKEPS

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**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.