

Recombinant human THYN1 protein

Catalog Number: ATGP0760

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-225aa

UniProt No.

Q9P016

NCBI Accession No.

NP_054893

Alternative Names

Thymocyte nuclear protein 1, HSPC144, MDS012, MY105, THY28, THY28KD

PRODUCT SPECIFICATION

Molecular Weight

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

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

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

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

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Amino acid Sequence

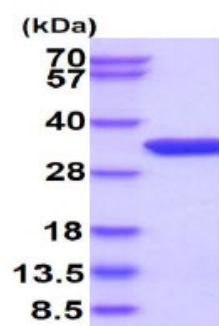
MGSSHHHHHH SSSLVPRGSH MSRPRKRLAG TSGSDKGLSG KRTKTENSGE ALAKVEDSNP QKTSATKNCL
KNLSSHWMK SEPELRLEKG VDVKFSIEDL KAQPKQTTWC DGVRNYQARN FLRAMKLGEE AFFYHSNCKE PGIAGLMKIV
KEAYPDHTQF EKNNPHYDPS SKEDNPKWSM VDVQFVRMMK RFIPLAELKS YHQAHKATGG PLKNMVLFR QRLSIQPLTQ
EEFDFVLSLE EKEPS

General References

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

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)