

Recombinant human THAP11 protein

Catalog Number: ATGP2742

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-314aa

UniProt No.

Q96EK4

NCBI Accession No.

NP_065190

Alternative Names

THAP domain-containing protein 11, CTG-B43a, CTG-B45d, HRIHFB2206, RONIN

PRODUCT SPECIFICATION

Molecular Weight

36.8 kDa (337aa)

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity

> 80% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

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

THAP domain-containing protein 11, also known as THAP11, is a member of the thanatos-associated protein family. Localizing to the nucleus and cytoplasm, THAP11 may act as a transcriptional repressor, playing a role in embryogenesis and pluripotency of embryonic stem cells by recruiting epigenetic modifiers. THAP11 interacts with HCF1 via a coiled coil domain. Recombinant human THAP11 protein, fused to His-tag at N-terminus, was expressed in E. coli.

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Amino acid Sequence

MGSSHHHHHH SSSLVPRGSH MGSMPGFTCC VPGCYNNNSHR DKALHFYTFP KDAELRRLWL KNVSRAGVSG
CFSTFQPTTG HRLCSVHFQG GRKTYTVRVP TIFPLRGVNE RKVARRPAGA AAARRRQQQQ QQQQQQQQQ
QQQQQQQQQQ QQQQSSPSA STAQTAQLQP NLVSASAAVL LTLQATVDSS QAPGSVQPAP IPTGEDVKP IDLTVQVEFA
AAEGAAAAAA ASELQAATAG LEAAECPMGP QLVVVGEEGF PDTGSDHSYS LSSGTTEEEL LRKLNEQRDI LALMEVKMKE
MKGSIHRLRL TEAKLREELR EKDRLLAMAV IRKKHGM

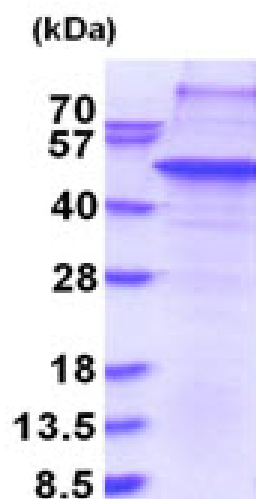
General References

Pandey N., et al. (2004) J Hum Genet. 49: 596-602.
Liew C K., et al. (2007) J Mol Biol. 366: 382-390.

DATA

SDS-PAGE

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



15% SDS-PAGE (3ug)