

Recombinant human THAP3 protein

Catalog Number: ATGP2247

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-239aa

UniProt No.

Q8WTV1

NCBI Accession No.

NP_001182682

Alternative Names

THAP domain-containing protein 3 isoform 3, THAP domain containing, apoptosis associated protein 3

PRODUCT SPECIFICATION

Molecular Weight

29.4 kDa (262aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT

Purity

> 85% 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

THAP3 is a component of a THAP1/THAP3-HCFC1-OGT complex that is required for the regulation of the transcriptional activity of RRM1. This protein is highly expressed in heart, skeletal muscle and placenta. Recombinant human THAP3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGS>MPKSCAA RQCCNRYSSR RKQLTFHRFP FSRPELLKEW VLNIGRGNFK

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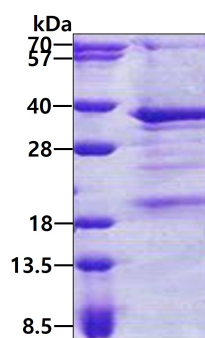
PKQHTVICSE HFRPECFSAF GNRKNLKHNA VPTVFAFQDP TQQVRENTDP ASERGNASSS QKEKVLPEAG AGEDSPGRNM
DTALEELQLP PNAEGHVKQV SPRRPQATEA VGRPTGPAGL RRTPNKQPSD HSYALLDLDS LKKKLFLLTK ENEKLRKRLQ
AQLVMRRMS SRLRACKGHQ GLQARLGPEQ QS

General References

Bessiere D., et al. (2008) J Biol Chem. 283:4352-4363
Plasilova M., et al. (2004) Eur J Hum Genet. 12:365-371.

DATA

SDS-PAGE



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