

Recombinant human TRIB3 protein

Catalog Number: ATGP2922

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-358aa

UniProt No.

Q96RU7

NCBI Accession No.

NP_066981

Alternative Names

Tribbles homolog 3, Tribbles homolog 3, C20orf97, NIPK, SINK, SKIP3, TRB3

PRODUCT SPECIFICATION

Molecular Weight

42.0 kDa (381aa)

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

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

Purity

> 85% 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

TRIB3, also known as tribbles pseudokinase 3, is a putative protein kinase that is induced by the transcription factor NF-kappaB. This protein is a negative regulator of NF-kappaB, and can also sensitize cells to TNF- and TRAIL-induced apoptosis. In addition, it can negatively regulate the cell survival serine-threonine kinase AKT1. Recombinant human TRIB3 protein, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSMRATPLA APAGLSRKK RLELDDNLDL ERPVQKRARS GPQRLPPCL LPLSPPTAPD

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RATAVATASR LGPYVLEPE EGGRAYQALH CPTGTEYTCK VYPVQEALAV LEPYARLPPH KHVARPTEVL AGTQLLYAFF
TRTHGDMHSL VRSRHRIPEP EAAVLFQMA TALAHCHQHG LVLRLDLKLCR FVFADRERKK LVLENLEDSC VLTGPDDSLW
DKHACPAYVG PEILSSRASY SGKAADVWSL GVALFTMLAG HYPFQDSEPV LLFGKIRRGGA YALPAGLSAP ARCLVRCLLR
REPAERLTAT GILLHPWLRQ DPMPLAPTRS HLWEEAQVVP DGLGLDEARE EEGDREVVLY G

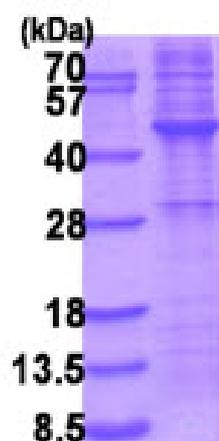
General References

Du K. et al. (2003) Science. 300:1574-1577.

Hegedus Z. et al. (2006) Cell Mol Life Sci. 63:1632-1641.

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)