Recombinant human RASSF3 protein

Catalog Number: ATGP1984

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-238aa

UniProt No.
Q86WH2

NCBI Accession No.
NP_835463

Alternative Names
Ras association domain-containing protein 3, MGC119194, MGC119195, MGC119197, Ras association (RalGDS/AF 6) domain family 3 antibody

PRODUCT SPECIFICATION

Molecular Weight
30 kDa (261aa)

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 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
Ras association domain-containing protein 3, also known as RASSF3, is a member of RASSF family. Members of the RASSF family contain a highly conserved Ras association domain (Ral GDS/AF-6 or RA) and function as Ras effectors/tumor suppressors. RASSF3 is a ubiquitously expressed protein found in normal and cancerous tissues. It contains an N-terminal RA domain and a coiled-coil SARAH domain. Three isoforms, namely RASSF3A, RASSF3B and RASSF3C, may exist for RASSF3 due to alternative splicing. RASSF3B and RASSF3C are shorter

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than RASSF3A and do not contain the RA and SARAH domain. Recombinant human RASSF3 protein, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence

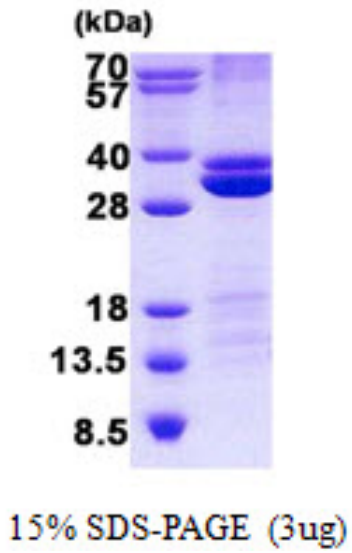
MGSSHHHHHH SSGLVPRGSH MGSMSSGYSS LEEDAEDFFF TARTSFFRRA PQGKPRSGQQ DVEKEKETHS YLSKEEIKEK VHKYNLAVTD KLKMTLNSNG IYTGFIKVQM ELCKPPQTSP NSGKLSPSSN GCMNTLHISS TNTVGEVIEA LLKKFLVTES PAKFALYKRC HREDQVYACK LSDREHPLYL RLVAGPRTDT LSFVLREHEI GEWEAFSLPE LQNFLRILDK EEDEQLQNLK RRYTAYRQKL EEALREVWKP D

General References

Hesson L., et al. (2004) Oncogene. 23:2408-2419.
Tommasi S., et al. (2002) Oncogen. 21:2713-2720.

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

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