

Recombinant human SVH/ARMC10 protein

Catalog Number: ATGP2084

PRODUCT INFORMATION

Expression system

E.coli

Domain

28-308aa

UniProt No.

Q8N2F6

NCBI Accession No.

NP_001154481

Alternative Names

Armadillo repeat-containing protein 10 isoform b, PNAS-112, PNAS112, PSEC0198, SVH

PRODUCT SPECIFICATION

Molecular Weight

33.6 kDa (304aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM 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

AMRC10 is a protein that contains an armadillo repeat and transmembrane domain. The protein decreases the transcriptional activity of the tumor suppressor protein p53 through direct interaction with the DNA-binding domain of p53, and may play a role in cell growth and survival. upregulation of this gene may play a role in hepatocellular carcinoma. Recombinant human AMRC10 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 SSGLVPRGSH MGS>TRGRRRG DRELGIRSSK SAEDLTDGSY DDVLNAEQLQ KLLYLLESTE DPVIIERALI
TLGNNAAFSV NQAIIRELGG IPIVANKINH SNQSIKEKAL NALNNLSVNV ENQIKIKIYI SQVCEDVFSG PLNSAVQLAG
LTLTNMTVT NDHQHMLHSY ITDLFQVLLT GNGNTKVQVL KLLNLSNP AMTEGLLRAQ VDSSFLSLYD SHVAKEILLR
VLTFLQNIKN CLKIEGHLAV QPTFTEGSLF FLLHGEECAQ KIRALVDHHD AEVKEKVVTI IPKI

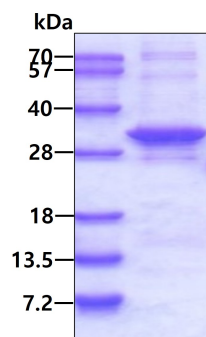
General References

Zhou,X., et al. (2007) FEBS Lett. 581 (25), 4943-4948

Huang,R., et al. (2003) Cancer Res. 63 (13), 3775-3782

DATA

SDS-PAGE



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