

Recombinant human ISOC2 protein

Catalog Number: ATGP2284

PRODUCT INFORMATION

Expression system

E.coli

Domain

59-205aa

UniProt No.

Q96AB3

NCBI Accession No.

NP_001129673

Alternative Names

Isochorismatase domain-containing protein 2

PRODUCT SPECIFICATION

Molecular Weight

18 kDa (170aa)

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

> 90% 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

ISOC2 belongs to the isochorismatase family. This protein is localized in mitochondrion, cytoplasm, and nucleus. ISOC2 interacts with CDKN2A and localizes to the nucleus in the presence of CDKN2A. Recombinant human ISOC2 protein, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSEQYPQGL GPTVPELGTE GLRPLAKTCF SMVPALQOEL DSRPQLRSVL LCGIEAQACI
LNTTLDLLDR GLQVHVVDVA CSSRSQVDRL VALARMRQSG AFLSTSEGLI LQLVGDVHP QFKEIQKLIK EPAPDSGLLG

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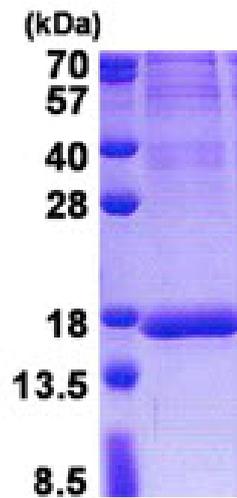
LFQGQNSLLH

General References

Huang X, Shi Z, et al. (2007). *Biochem Biophys Res Commun.* 361(2):287-93.

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)