

Recombinant human MORF4L2 protein

Catalog Number: ATGP0987

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-288aa

UniProt No.

Q15014

NCBI Accession No.

NP_036418

Alternative Names

Mortality factor 4-like protein 2, KIAA0026, MORFL2, MRGX

PRODUCT SPECIFICATION

Molecular Weight

34.4 kDa (308aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

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

MORF4L2 is a member of the mortality factor (MORF) family of transcriptional regulator that is involved in cell growth, regulation and senescence. This protein localizes to the nucleus, and it has a protein kinase C phosphorylation site as well as a tyrosine phosphorylation site. It interacts with the Rb tumor suppressor through its helix-loop-helix and leucine zipper regions. It also has histone deacetylase activity and can either repress or promote the activity of the B-Myb promoter depending on the tissue. Recombinant human MORF4L2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

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Amino acid Sequence

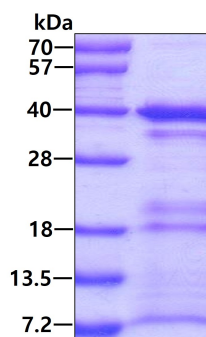
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PWLVEDWDLV TRQKQLFQLP AKKNVDAILE EYANCKKSQG NVDNKEYAVN EVVAGIKEYF NVMLGTQLLY KFERPQYAEI
LLAHPDAPMS QVYGAPHLR LFVRIGAMLA YTPLDEKSLA LLLGYLHDFL KYLAKNSASL FTASDYKVAS AEYHRKAL

General References

Nomura N., et al. (1995), DNA Res.. 1: 27-35.
Tominaga K, et al. (2003). J. Biol. Chem.. 278: 49618-49624.

DATA

SDS-PAGE



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