Recombinant human MORF4L1 protein

Catalog Number: ATGP1494

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-323aa

UniProt No.
Q9UBU8

NCBI Accession No.
NP_006782

Alternative Names
Mortality factor 4-like protein 1, Eaf3, FWP006, HsT17725, MEAF3, MORFRG15, MRG15, S863-6

PRODUCT SPECIFICATION

Molecular Weight
39.8 kDa (347aa) confirmed by MALDI-TOF

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 30% glycerol, 0.15M NaCl, 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
MORF4L1 (mortality factor 4-like protein 1), also known as MRG15, belongs to the MRG family. This protein is a component of the NuA4 histone acetyltransferase (HAT) complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. MORF4L1 is a transcription factor expressed in a variety of human tissues, and its orthologs have been found in many other eukaryotes which constitute the MRG protein family. The C-terminal part of MRG15 forms a conserved MRG domain which is involved in interactions with the tumor suppressor protein retinoblastoma and a nucleoprotein. Recombinant

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human MORF4L1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

Amino acid Sequence

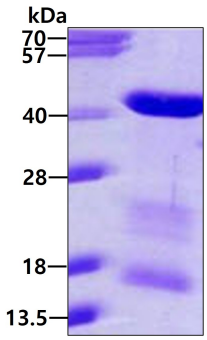
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General References

Pardo P.S., et al. (2002) J. Biol. Chem. 277:50860-50866
Zhang P., et al. (2006) Protein Sci. 15:2423-2434

DATA

SDS-PAGE



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