

Product information



MORF4L1, 1-323aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1494

Full name: Mortality factor 4-like protein 1

NCBI Accession No.: NP_006782

Synonyms: Eaf3, FWP006, HsT17725, MEAF3, MORFRG15, MRG15, S863-6

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

Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 30% glycerol,

0.15M NaCl, 1mM DTT

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

Purity: > 85% by SDS - PAGE

Concentration: 1mg/ml (determined by Bradford assay)

(kDa)

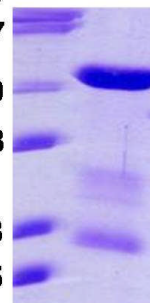
57

40

28

18

13.5



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGSHPMAPKQD PKPKFQEGER VLCHFGLPLY EAKCVKVAIK DKQVKYFIHY SGWNKNWDEW VPESRVLKYV
DTNLQKQREL QKANQEYAE GKMRGAAPGK KTSGLQQKNV EVKTKKNKQK TPGNGDGGST SETPQPPRKK RARVDPTVEN EETFMRVEV
KVKIPEELKP WLVDWDLIT RQKQLFYLPK KKNVDSILED YANYKSRGN TDNKEYAVNE VVAGIKEYFN VMLGTQLLYK FERPYAEIL
ADHPDAPMSQ VYGAPHLRL FVRIGAMLAY TPLDEKSLAL LLNYLHDFLK YLAKNSATLF SASDYEVAPP EYHRKAV

General references:

Pardo P.S., *et al.* (2002) *J. Biol. Chem.* 277:50860-50866

Zhang P., *et al.* (2006) *Protein Sci.* 15:2423-2434

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.

Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



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