

Recombinant Human MORF4L1, His-tagged

Cat. No. MORF4L1-15834H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MORF4L1 protein, fused to His tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Species	Human
Source	E.coli
ProteinLength	1-323aa
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.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 30% glycerol, 0.15M NaCl, 1mM DTT
Molecular Mass	39.8 kDa (347aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMAPKQD PKPKFQEGER VLCFHGPLLY EAKCVKVAIKDKQVKYFIHY SGWNKNWDEW VPESRVLKYYV DTNLQKQREL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

QKANQEQYAE GKMRGAAPGK KTSGLQQKNV EVKTKKNKQK TPGNGDGGST
 SETPQPPRKK RARVDPTVEN EETFMNRVEVKVKEELKP WLVDWDLIT
 RQKQLFYLPK KKNVDSILED YANYKKSRGN TDNKEYAVNE VVAGIKEYFN
 VMLGTQLLYK FERPYAEIL ADHPDAPMSQ VYGAPHLLRL FVRIGAMLAY
 TPLDEKSLAL LLNYLHDFLK YLAKNSATLF SASDYEVAPP EYHRKAV

Purity >85% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at 4°C short term. For long term storage, aliquot and store at at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Concentration 1mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [MORF4L1 mortality factor 4 like 1 \[Homo sapiens \]](#)

Official Symbol MORF4L1

Synonyms MORF4L1; mortality factor 4 like 1; mortality factor 4-like protein 1; Eaf3; Esa1p associated factor 3 homolog (S. cerevisiae); HsT17725; MEAF3; MORF related gene on chromosome 15; MORFRG15; MRG15; protein MSL3-1; MORF-related gene 15 protein; Esa1p-associated factor 3 homolog; MORF-related gene on chromosome 15; transcription factor-like protein MRG15; FWP006; S863-6; MGC10631;

Gene ID [10933](#)

mRNA Refseq [NM_006791](#)

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Protein Refseq	NP_006782
MIM	607303
UniProt ID	Q9UBU8
Chromosome Location	15q25.1
Function	chromatin binding; protein N-terminus binding; protein binding;

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