

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 SGLVPRGSH MGSHPKQD PKPKFQEGER VLCFHGPLY EAKCVKVAIKDKQVKYFIHY SGWNKNWDEW VPESRVLKYV DTNLQKQREL

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QKANQEQYAE GKMRGAAPGK KTSGLQQKNV EVKTKKNKQK TPGNGDGGST
 SETPQPPRKK RARVDPTVEN EETFMNRVEVKVKIPEELKP WLVDWDLIT
 RQKQLFYLPK KKNVDSILED YANYKKSARGN TDNKEYAVNE VVAGIKEYFN
 VMLGTQLLYK FERPQYAEIL 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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