

# Recombinant Human Mortality Factor 4 Like 1, His-tagged

Cat. No. MORF4L1-5582H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant humanMORF4L1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	MORF4L1, 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.
<b>Form</b>	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 30% glycerol, 0.15M NaCl, 1mM DTT.
<b>Molecular Weight</b>	39.8 kDa (347aa) confirmed by MALDI-TOF
<b>Purity</b>	> 85% by SDS-PAGE
<b>Concentration</b>	1 mg/ml (determined by Bradford assay)

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

**Sequences of aminoacids**

MGSSHHHHHSSGLVPRGSH MGSHPMAPKQD PKPKFQEGER VLCFHGPLY  
 EAKCVKVAIK DKQVKYFIHYSGWKNWDEW VPESRVLKYV DTNLQKQREL  
 QKANQEYAE GKMRGAAPGK KTSGLQQKNV EVKTKKNKQKTPGNGDGGST  
 SETPQPPRKK RARVDPTVEN EETFMNRVEV KVKIPEELKP WLVDWDLIT  
 RQKQLFYLPKKNVDSILED YANYKKS RGN TDNKEYAVNE VVAGIKEYFN  
 VMLGTQLLYK FERPQYAEIL ADHPDAPMSQVYGAPHLRL FVRIGAMLAY  
 TPLDEKSLAL LLNYLHDFLK YLAKNSATLF SASDYEVAPP EYHRKAV

**Storage**

Can bestored at +4°C short term (1-2 weeks). For long term storage, aliquot andstore at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

**OfficialSymbol**

MORF4L1

**nullValue\_other**

Function protein binding; chromatin binding;protein N-terminus binding

## GENE INFORMATION

**Gene Name**

MORF4L1mortality factor 4 like 1 [ Homo sapiens ]

**Synonyms**

MORF4L1; mortalityfactor 4 like 1; Eaf3; MEAF3; MRG15; FWP006; S863-6;  
 HsT17725; MORFRG15; OTTHUMP00000248100;OTTHUMP00000248101;  
 OTTHUMP00000248102; OTTHUMP00000185040;  
 OTTHUMP00000185041;OTTHUMP00000185042; OTTHUMP00000185043;  
 OTTHUMP00000185044; OTTHUMP00000185045;OTTHUMP00000185046;  
 OTTHUMP00000185051; OTTHUMP00000185052;  
 OTTHUMP00000185057;mortality factor 4-like protein 1; protein MSL3-1; MORF-  
 related gene 15protein; Esa1p-associated factor 3 homolog; MORF-related gene on  
 chromosome15; transcription factor-like protein MRG15; MGC10631

**Gene ID**

10933

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mRNA Refseq	NM_006791
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Protein Refseq	NP_006782
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MIM	607303
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UniProt ID	Q9UBU8
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Chromosome Location	15q24
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PDBrendering based  
on 2aql.



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