

Recombinant Human Mortality Factor 4 Like 1, His-tagged

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

SPECIFICATION

Product Overview	Recombinant humanMORF4L1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.
Species	Human
Source	E.coli
Description	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.
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	1 mg/ml (determined by Bradford assay)

 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

Sequences of aminoacids	MGSSHHHHHHSSGLVPRGSH MGSHMAPKQD PKPKFQEGER VLCFHGPLY EAKCVKVAIK DKQVKYFIHYSWGNKNWDEW VPESRVLYV DTNLQKQREL QKANQEYAE GKMRGAAPGK KTSGLQQKNV EVKTKKNKQKTPGNGDGGST SETPQPPRKK RARVDPTVEN EETFMNRVEV KVKIPEELKP WLVDDWDLIT RQKQLFYLPAAKNVDSILED YANYKKS RGN TDNKEYAVNE VVAGIKEYFN VMLGTQLLYK FERPYAEIL 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	

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