

## 32-4227: Recombinant Human Mortality Factor 4 Like 1

**Alternative Name :** Mortality factor 4-like protein 1, MORF-related gene 15 protein, Protein MSL3-1, Transcription factor-like protein MRG15, MORF4L1, MRG15, FWP006, HSPC008, HSPC061, PP368, Eaf3, MEAF3, S863-6, HsT17725, MORFRG15.

### Description

Source : Escherichia Coli. MORF4L1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 347 amino acids (1-323 a.a) and having a molecular mass of 39.8kDa. MORF4L1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Mortality factor 4-like protein 1 (MORF4L1) is a member of the MRG family. MORF4L1 is a component of the NuA4 histone acetyltransferase (HAT) complex which is involved in transcriptional activation of select genes mostly by acetylation of nucleosomal histones H4 and H2A. MORF4L1 is a transcription factor expressed in various human tissues, and its orthologs have been found in many other eukaryotes which comprise the MRG protein family. The C-terminal part of MORF4L1 forms a conserved MRG domain that is involved in interactions with the tumor suppressor protein retinoblastoma and a nucleoprotein.

### Product Info

**Amount :** 20 µg

**Purification :** Greater than 85.0% as determined by SDS-PAGE.

**Content :** MORF4L1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.15M NaCl and 1mM DTT.

**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid :** MGSSHHHHHH SSSLVPRGSH MGSHPMAPKQD PKPKFQEGER VLCFHGPLY EAKCVKVAIK  
DKQVKYFIHY SGWNKNWDEW VPESRVLKYV DTNLQKQREL QKANQEYAE GKMRGAAPGK  
KTSGLQQKNV EVKTKKNKQK TPGNGDGGST SETPQPPRKK RARVDPTVEN EETFMNRVEV KVKIPEELKP  
WLVDWDLIT RQKQLFYLP KKNVDSILED YANYKSRGN TDNKEYAVNE VVAGIKEYFN VMLGTQLLYK  
FERPQYAEIL ADHPDAPMSQ VYGAPHLRL FVRIGAMLAY TPLDEKSLAL LLNYLHDFLK YLAKNSATLF  
SASDYEVAPP EYHRKAV.

