

## Recombinant Human MORF4L2, His-tagged

**Cat. No.** MORF4L2-3492H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human MORF4L2 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>	MORF4L2 is a member of the mortality factor (MORF) family of transcriptional regulator that is involved in cell growth, regulation and senescence. This protein localizes to the nucleus, and it has a protein kinase C phosphorylation site as well as a tyrosine phosphorylation site. It interacts with the Rb tumor suppressor through its helix-loop-helix and leucine zipper regions. It also has histone deacetylase activity and can either repress or promote the activity of the B-Myb promoter depending on the tissue.
<b>Form</b>	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol; 1mM DTT
<b>Molecular Weight</b>	34.4 kDa (308aa) confirmed by MALDI-TOF(Molecular weight on SDS-PAGE will appear higher)
<b>Purity</b>	> 90% by SDS - PAGE
<b>Concentration</b>	0.5 mg/ml (determined by Bradford assay)
<b>Sequences of amino</b>	MGSSHHHHHH SSSLVPRGSH MSSRKQGSQP RGQQSAEEEN FKKPTRSNMQ

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

**acids**

RSKMRGASSG KKTAGPQQKN LEPALPGRWG GRSAENPPSG SVRKTRKNKQ  
 KTPGNGDGGG TSEAPQPPRK KRARADPTVE SEEAFKNRME VKVKIPEELK  
 PWLVEDWDLV TRQKQLFQLP AKKNVDAILE EYANCKKSQG NVDNKEYAVN  
 EVVAGIKEYF NVMLGTQLLY KFERPQYAEI LLAHPDAPMS QVYGAPHLLR  
 LFVRIGAMLA YTPLDEKSLA LLLGYLHDFL KYLAKNSASL FTASDYKVAS  
 AEYHRKAL

**Storage**

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

## GENE INFORMATION

**Gene Name** [MORF4L2 mortality factor 4 like 2 \[ Homo sapiens \]](#)

**Synonyms**

MORF4L2; MRGX; MORFL2; KIAA0026; mortality factor 4-like protein 2; MSL3-2 protein; protein MSL3-2; OTTHUMP00000023750; OTTHUMP00000023751; OTTHUMP00000023752; OTTHUMP00000023753; OTTHUMP00000023754; OTTHUMP00000023756; MORF-related gene X protein; transcription factor-like protein MRGX

**Gene ID** [9643](#)

**mRNA Refseq** [NM\\_001142418](#)

**Protein Refseq** [NP\\_001135890](#)

**MIM** [300409](#)

**UniProt ID** [Q15014](#)

**Chromosome** Xq22

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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




**Location**

**Function**

protein binding

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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