

Recombinant Human MORF4L2, His-tagged

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

SPECIFICATION

Product Overview	Recombinant human MORF4L2 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	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.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol; 1mM DTT
Molecular Weight	34.4 kDa (308aa) confirmed by MALDI-TOF(Molecular weight on SDS-PAGE will appear higher)
Purity	> 90% by SDS - PAGE
Concentration	0.5 mg/ml (determined by Bradford assay)
Sequences of amino	MGSSHHHHHH SSGLVPRGSH MSSRKQGSQP RGQQSAAEEEN FKKPTRSNMQ

 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

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

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Location	
Function	protein binding

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