

**MORF4L2, 1-288aa, Human, His tag, E.coli**

**Cat.NO.: TP03008**

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3th Edition

**Synonyms:** Mortality factor 4-like protein 2, KIAA0026, MORFL2, MRGX

**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)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMSSRKQGSQPRGQSSAEENFKKPTRSNMQRSKMRGASSGKKTAGPQQKNLE  
PALPGRWGGRSAENPPSGSVRKTRKNKQKTPGNGDGGSTSEAPQPPRKKRARADPTVESEEAFKNRMEVKVKIP  
EELKPWLVEDWDLVTRQKQLFQLPAKKNVDAILEEYANCKKSQGNVDNKEYAVNEVVAGIKEYFNVMLGTQLLYKF  
ERPQYAEILLAHPDAPMSQVYGAPHLRLFVRIGAMLAYTPLDEKSLALLLGYLHDFLKYLAKNASLFTASDYKVAS  
AEYHRKAL

**Purity:** > 95% by HPLC

**Concentration:** 0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**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.