

MORF4L1, 1-323aa, Human, His tag, E.coli

Cat.NO.: TP03007

3th Edition

Synonyms: Mortality factor 4-like protein 1, Eaf3, FWP006, HsT17725, MEAF3, MORFRG15, MRG15, S863-6.

Description: MORF4L1 (mortality factor 4-like protein 1), 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.

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

Sequences:

MGSSHHHHHSSGLVPRGSHMGSHMAPKQDPKPKFQEGERVLCFHGPLYEAKCVKVAIKDKQVKYFIHYSWGN
KNWDEWVPESRVLKYVDNLQKQRELQKANQEQAEGKMRGAAPGKKTSGLQQKNVEVKTKKNKQKTPGNGD
GGSTSETPQPPRKKRARVDPTVENEETFMNRVEVKVIPEELKPWLVDLITRQKQLFYLPAAKKNVDSILEDYA
NYKKSARGNTDNKEYAVNEVVAGIKEYFVNLGTQLLYKFERPQYAEILADHPDAPMSQVYGAPHLRLFVRIGAML
AYTPLDEKSLALLLNHLHDFLKYLAKN SATLFSASDYE VAPPEYHRKAV

Purity: > 95% by HPLC

Concentration: 1mg/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.