
Product Data Sheet

Product Name: MORF4L1 Human
 Cat. No.: GP23942
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	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.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSHMAPKQD PKPKFQEGER VLCFHGPLY EAKCVKVAIK DKQVKYFIHY SGWNKNWDEW VPESRVLKYV DTNLQKQREL QKANQEYAE GKMRGAAPGK KTSGLQQKNV EVKTKKNKQK TPGNGDGGST SETPQPPRKK RARVDPTVEN EETFMNRVEV KVKIPEELKP WLVDWDLIT RQKQLFYLP KKNVDSILED YANYKKS RGN TDNKEYAVNE VVAGIKEYFN VMLGTQLLYK FERPOYAEIL ADHPDAPMSQ VYGAPHLRL FVRIGAMLAY TPLDEKSLAL LLNYLHDFLK YLAKNSATLF SASDYEVAPP EYHRKAV.		
Formulation	MORF4L1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.15M NaCl and 1mM DTT.		

Introduction

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.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer

Caution: Product has not been fully validated for medical applications. For research use only.

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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.

Background

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.

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