32-4228: Recombinant Human Mortality Factor 4 Like 2

Alternative Name : Mortality factor 4-like protein 2,MORF-related gene X protein,Protein MSL3-2,Transcription factor-like protein MRGX,MORF4L2,KIAA0026,MRGX,MORFL2.

Description

Source : Escherichia Coli. MORF4L2 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 308 amino acids (1-288 a.a.) and having a molecular mass of 34.4kDa (Molecular weight on SDS-PAGE will appear higher).MORF4L2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. MORF4L2 belongs to the mortality factor (MORF) family of transcriptional regulator which is involved in cell growth, regulation and senescence. MORF4L2 localizes to the nucleus, and it has a protein kinase C phosphorylation site as well as a tyrosine phosphorylation site. MORF4L2 interacts with the Rb tumor suppressor through its helix-loop-helix and leucine zipper regions. Furthermore, MORF4L2 has histone deacetylase activity and can either repress or promote the activity of the B-Myb promoter depending on the tissue.

Product Info

Amount :	20 μg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The MORF4L2 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol and 1mM DTT.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer 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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MSSRKQGSQP RGQQSAEEEN FKKPTRSNMQ RSKMRGASSG KKTAGPQQKN LEPALPGRWG GRSAENPPSG SVRKTRKNKQ KTPGNGDGGS TSEAPQPPRK KRARADPTVE SEEAFKNRME VKVKIPEELK PWLVEDWDLV TRQKQLFQLP AKKNVDAILE EYANCKKSQG NVDNKEYAVN EVVAGIKEYF NVMLGTQLLY KFERPQYAEI LLAHPDAPMS QVYGAPHLLR LFVRIGAMLA YTPLDEKSLA LLLGYLHDFL KYLAKNSASL FTASDYKVAS AEYHRKAL.