

MORF4L2 Protein, Human, Recombinant (His)

General Information

Synonyms:	MORF4L2;Transcription Factor-Like Protein MRGX;Protein MSL3-2;Mortality Factor 4-Like Protein 2;KIAA0026;MORF-Related Gene X Protein;MRGX
Protein Construction:	Met1-Leu288
Species:	Human
Expression Host:	E. coli
Accession:	Q15014
Molecular Weight:	36 KDa (reducing condition)
AA Sequence:	Met1-Leu288

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Lyophilized from a solution filtered through a 0.22 μm filter, containing PBS, pH 7.4.

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

Mortality Factor 4-Like Protein 2 (MORF4L2) is a member of the mortality factor (MORF) family. MORF4L2 localizes in the nucleus, possessing a protein kinase C phosphorylation site and a tyrosine phosphorylation site. MORF4L2 interacts with the Rb tumor suppressor and it has histone deacetylase activity which can either repress or promote the activity of the B-Myb promoter depending on the tissue. In addition, MORF4L2 is involved in cell growth, regulation, and senescence.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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