

Recombinant Mouse Morf4l2 Protein, Myc/DDK-tagged

Cat. No. Morf4l2-4115M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length mortality factor 4 like 2 (Morf4l2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Component of the NuA4 histone acetyltransferase complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histone H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. The NuA4 complex ATPase and helicase activities seem to be, at least in part, contributed by the association of RUVBL1 and RUVBL2 with EP400. NuA4 may also play a direct role in DNA repair when directly recruited to sites of DNA damage. Also component of the MSIN3A complex which acts to repress transcription by deacetylation of nucleosomal histones.
Molecular Mass	32.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and

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handling conditions. Avoid repeated freeze-thaw cycles.

Storage Store at -80 centigrade after receiving vials.

Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Morf4l2 mortality factor 4 like 2 [Mus musculus (house mouse)]

Official Symbol Morf4l2

Synonyms MORF4L2; mortality factor 4 like 2; mortality factor 4-like protein 2; sid 393; MORF-related gene X protein; transcription factor-like protein Mrgx; Mrgx; Sid393p; mKIAA0026; 2410017O14Rik

Gene ID 56397

mRNA Refseq NM_001168229

Protein Refseq NP_001161701

UniProt ID Q9R0Q4

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