



Recombinant Protein Technical Manual

Recombinant Human MORF4L2/MRGX Protein (His Tag)

RPES4784

Product Data:

Product SKU: RPES4784

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: Q15014

Protein Information:

Molecular Mass: 33.4 kDa

AP Molecular Mass: 36 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Mortality Factor 4-Like Protein 2; MORF-Related Gene X Protein; Protein MSL3-2; Transcription Factor-Like Protein MRGX; MORF4L2; KIAA0026; MRGX

Immunogen Information:

Sequence: Met 1-Leu288

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.