

MORF4L2 recombinant protein

MORF4L2, 1-288aa, Human, His tag, E Coli

CATALOG # AAA48684	HOST E Coli	APPLICATIONS SDS-Page
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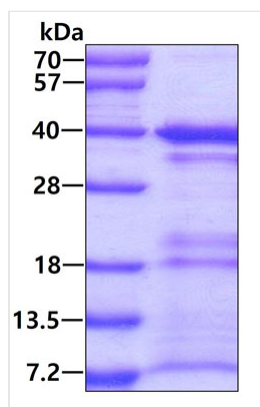
PRODUCT SYNONYMS

MORF4L2; 1-288aa; Human; His tag; E Coli; Mortality factor 4-like protein 2; KIAA0026; MORFL2; MRGX; MORF4L2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 85% by SDS-PAGE
Form/Format	Liquid. 20mM Tris-HCl Buffer (pH 8.0) containing 20% glycerol, 1mM DTT
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MSSRKQGSQP RGQQSAEEEN FKKPTRSNMQ RSKMRGASSG KKTAGPQQKN LEPALPGRWG GRSAENPPSG SVRKTRKNKQ KTPGNGDGGG TSEAPQPPRK KRARADPTVE SEEAFKNRME VKVKIPEELK PWLVEDWDLV TRQKQLFQLP AKKNVDAILE EYANCKKSQG NVDNKEYAVN EVVAGIKEYF NVMLGTQLLY KFERPQYAEI LLAHPDAPMS QVYGAPHLLR LFVRIGAMLA YTPLDEKSLA LLLGYLHDFL KYLAKNSASL FTASDYKVAS AEYHRKAL
Sequence Length	288
Applicable Applications for MORF4L2 recombinant protein	SDS-PAGE
Tag Information	His-tag
Domain	1-288aa
Preparation and Storage	Can be stored at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20 degree C to -80 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for MORF4L2 recombinant protein	MORF4L2 is a member of the mortality factor (MORF) family of transcriptional regulator that is involved in cell growth, regulation and senescence. This protein localizes to the nucleus, and it has a protein kinase C phosphorylation site as well as a tyrosine phosphorylation site. It interacts with the Rb tumor suppressor through its helix-loop-helix and leucine zipper regions. It also has histone deacetylase activity and can either repress or promote the activity of the B-Myb promoter depending on the tissue. Recombinant human MORF4L2 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography.
Product Categories/Family for MORF4L2 recombinant protein	Cancer
References	Nomura N., et al. (1995), DNA Res.. 1: 27-35.; Tominaga K, et al. (2003). J. Biol. Chem.. 278: 49618-49624.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912448
NCBI GeneID	9643
NCBI Accession #	NP_036418
NCBI GenBank Nucleotide #	NM_012286.2
UniProt Accession #	Q15014; Q567V0; Q8J026; B3KP92; D3DXA5
Molecular Weight	34.4 kDa (308aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)
NCBI Official Full Name	mortality factor 4-like protein 2
NCBI Official Synonym Full Names	mortality factor 4 like 2
NCBI Official Symbol	MORF4L2
NCBI Official Synonym Symbols	MRGX; MORFL2
NCBI Protein Information	mortality factor 4-like protein 2
UniProt Protein Name	Mortality factor 4-like protein 2
UniProt Gene Name	MORF4L2
UniProt Synonym Gene Names	KIAA0026; MRGX

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.