

RPL730Hu01 50µg

Recombinant Microtubule Associated Monooxygenase, Calponin And LIM Domain

Containing Protein 2 (MICAL2)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Met1~His495

Tags: N-terminal His Tag

Subcellular Location: Nucleus

Purity: > 80%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .

Original Concentration: 150µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 6.5

Predicted Molecular Mass: 60.2kDa

Accurate Molecular Mass: 60kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

MGENEDEKQA QAGQVFENFV QASTCKGTLQ AFNILTRHLD LDPLDHRNFY
 SKLKSKVTTW KAKALWYKLD KRGSHKEYKR GKSCNTNKCL IVGGGPCGLR
 TAIELAYLGA KVVVVEKRDS FSRNNVLHLW PFTIHDRGL GAKKFYKFC
 AGSIDHISIR QLQLILFKVA LMLGVEIHVN VEFVKVLEPP EDQENQKIGW
 RAEFLPTDHS LSEFEFDVII GADGRRNTLE GFRRKEFRGK LAIAITANFI
 NRNSTAEAKV EEISGVAFIF NQKFFQDLKE ETGIDLENIV YYKDCTHYFV
 MTAKKQSLLD KGVIINDYID TEMLLCAENV NQDNLLSYAR EAADFATNYQ
 LPSLDFAMNH YGQPDVAMFD FTCMYASENA ALVRERQAHQ LLVALVGDSL
 LEPFWPMGTG CARGFLAAFDF TAWMVKSWNQ GTPPELLAE RESLYRLLPQ
 TTPENINKNF EQYTLDPGTR YPNLNSHCVR PHQVKHLYIT KELEH

[IDENTIFICATION]

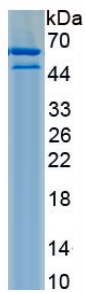


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.