

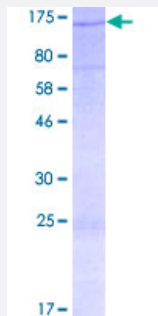
Full-Length

MICAL3 (Human) Recombinant Protein (P01)

Catalog # H00057553-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MICAL3 full-length ORF (CAK54648.1, 1 a.a. - 948 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEERKHETMNPAPHVLFDRFVQATTCKGTLKAFQELCDHLELKPKDYRSFYHKLKSKLNYWKAKA
LWAKLDKRGSHKDYKKGKACTNTKCLIGAGPCGLRTAIDLSLLGAKVVVIEKRDAFSRNNVLHLW
PFTIHDRLRGLGAKKFYKFCAGAIIDHISIRQLQLILLKVALILGIEIHVNVEFQGLIQPPEDQENERIGW
RALVHPKTHPVSEYEFVIGGDGRRNTLEGFRRKEFRGKLAITANFINRNTTAEAKVEEISGVAFI
FNQKFFQELREATGIDLENIVYKDDTHYFVMTAKKQSLLDKGVILHDYADTELLSRENVQDEALL
SYAREAADFSTQQQLPSLDFAINHYGQPDVAMFDFTCMYASENAALVREQNGHQLLVALVGDSL
LEPFWPMGTGIARGFLAAMDSAWMVRSWSLGTSPLEVLAERESYRLLPQTTPENVSKNFSQYSI
DPVTRYPNINVNFLRPSQVRHLYDTGETKDIHEMESLVNSRTTPKLTRNESVARSSKLLGWCQR
QTDGYAGVNVTDLTMSWKSGLALCAIHHRYRPDLIDFDSLDEQNVEKNNQLAFDIAEKELGISPIMT
GKEMASVGEPDKLSMVMYLTFYEMFKDSLPSSTDLNAAEKAVLIASTRSPISFLSKLGQTISR
KRSPKDKKEKDLGAGKRRKTSQSEEEAAPRGHRGERPTLVSTLTDRRMDVAVGNQNKVKYM
ATQLLAKFEENAPAQSIGIRRQGSMMKEFPQNLGGSDTCYFCQKRYYMERLSAEGKFFHRSCF
KCEYCATTLRLSAYAYDIEDGKFYCKPHYCYRLSGYAQRKRPAVAPLSGKEAKGPLQDGATTAN
GRANAVASSTERTPGSGVNGLEEPSIAKRLRGTPERIELENYRLSLRQAEALQEVPEETQAEHNL
SSVLDTGAEEDVASRSARRAAGRPPATRP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

130.68

Interspecies Antigen Sequence

Mouse (94); Rat (94)

Preparation Method[in vitro wheat germ expression system](#)**Purification**

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MICAL3

Entrez GeneID[57553](#)**GeneBank Accession#**[CU013217](#)**Protein Accession#**[CAK54648.1](#)**Gene Name**

MICAL3

Gene Alias

KIAA0819, MGC189703

Gene Description

microtubule associated monooxygenase, calponin and LIM domain containing 3

Omim ID[608882](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

O

Other Designations

flavoprotein oxidoreductase MICAL3

Disease

- [Tobacco Use Disorder](#)