

Product datasheet for TP314051

MICALL1 (NM_033386) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human MICAL-like 1 (MICALL1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214051 representing NM_033386 Red=Cloning site Green=Tags(s)

MAGPRGALLAWCRRQCEGYRGVEIRDLSSEFRDGLAFCAILHRHRPDLDFDSLSKDNVFNENRLAFEVA
EKELGIPALLDPNDMVSMSVPDCLSIMTYVSQYYNHFCSPGQAGVSPPRKGLAPCSPPSVAPTPEPEDV
AQGEELSSGSLSEQGTGQTPSSTCAACQQHVHLVQRYLADGRLYHRHCFRCRCSSTLLPGAYENGPEEG
TFVCAEHCARLGPGRSGTRPGPFSQPKQQHQQLAEDAQDVPGGGSSAPAGAEADGPKASPEARPQI
PTKPRVPGKLQELASPPAGRPTPAPRKASESTTPAPPTPRRSSLQQENLVEQAGSSSLVNGRLHELPVP
KPRGTPKPSEGTPAPRKDPPWITLVQAEPKKKPAPLPPSSSPGPPSQDSRQVENGGTEEVAQPSPTASLE
SKPYNPFEEEEEDKEEEAPAAPSLATSPALGHPESTPKSLHPWYGITPTSSPKTKRPPAPRAPSASPLAL
HASRLSHSEPPSATPSPALSVELSSESASQTAGAEELLEPPAVPKSSSEPAVHAPGTPGNPVSLSSTNSSL
ASSGELVEPRVEQMPQASPLAPRTRGSSGPQPAKPCSGATPTPLLLVGDSPVPSGSSSPQLQVKSSC
KENPFNRKPSAASPATKKATKGSKPVRPPAPGHGFLIKRQVADQYIPEEDIHGEMDTIERRLEDALEH
RGVLLLEEKLRGGLNEGREDMLVDWFKLIHEKHLLVRRESELIYVFKQQNLEQRQADVEYELRCLLNKPE
KDWTEEDRAREKVLMLQELVTLIEQRNAIINCLDEDRQREEEEDKMLEAMIKKKEFQREAEPEGKKKGKFK
TMKMLKLLGNKRDAKSKSPRDKS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

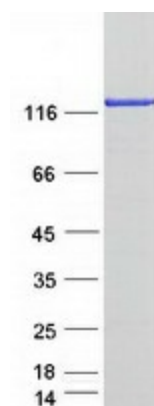
Tag:	C-Myc/DDK
Predicted MW:	93.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_203744
Locus ID:	85377
UniProt ID:	Q8N3F8
RefSeq Size:	3882
Cytogenetics:	22q13.1
RefSeq ORF:	2589
Synonyms:	MICAL-L1; MIRAB13
Summary:	Probable lipid-binding protein with higher affinity for phosphatidic acid, a lipid enriched in recycling endosome membranes. On endosome membranes, may act as a downstream effector of Rab proteins recruiting cytosolic proteins to regulate membrane tubulation. May be involved in a late step of receptor-mediated endocytosis regulating for instance endocytosed-EGF receptor trafficking. Alternatively, may regulate slow endocytic recycling of endocytosed proteins back to the plasma membrane. May indirectly play a role in neurite outgrowth. [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified MICALL1 protein (Cat# TP314051). The protein was produced from HEK293T cells transfected with MICALL1 cDNA clone (Cat# [RC214051]) using MegaTran 2.0 (Cat# [TT210002]).