

Product datasheet for PH324524

MICALCL (NM_032867) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MICALCL MS Standard C13 and N15-labeled recombinant protein (NP_116256)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224524
Predicted MW:	77.1 kDa
Protein Sequence:	>RC224524 representing NM_032867 Red=Cloning site Green=Tags(s)

MSPPKDPSPLPLPSSSSHSSSPSSSSTSVSGNAPDGSSPPQMTASEPLSQVSRGHPSPPTPNFRRRAV
AQGAPREIPLYLPHHPKPEWAEYCLVSPGEDGLSDPAEMTSDECQPAEAPLGDIGSNHRDPHPHWGKDRS
WTGQELSPLAGEDREKSTGARKEEEGPVLVKEKLGKLVLTQEQKTMLLDWNDSIPESVHLKAGERI
SQKSAENGRGGRVLPVVRPLLLPRAAGEPLPTQRGAQEKMGTPAEQAQGERNVPPPKSPLRLIANAIRRS
LEPLLNSSEGGKAWAKQESKTLPAQACTRSFSLRKTNSNKDGDQHSPPGRNQSSAFSPDPALRTHSLPN
RPSKVFALRSPPCSKIEDVPTLLEKVSLQENFPDASKPPKRI SLFSSLRLKDKSFESFLQESRQRKDI
RDLFGSPKRKVLPEDSAQALEKLLQPFKSTSLRQAAPPPPPPPPPPPPTAGGADSKNFPLRAQVTEAS
SSASSTSSSSADEEFDQLSLQLKEKTLRRRKKLEKAMKQLVKQEELKRLYKAQAIQRQLEEEVEERQRA
SEIQGVRLKALRGEADSGTQDEAQLLQEWFKLVLEKNKLMRYESELLIMAELELEDHQSRLEQKLREK
MLKEESQKDEKDLNEEQEVFTELMQVIEQRDKLVDSLEEQRIREKAEDQHFESFVFRGQCQLSRT

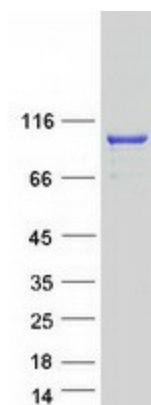
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_116256
RefSeq Size:	3044



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RefSeq ORF:	2085
Synonyms:	Ebitein1
Locus ID:	84953
UniProt ID:	Q6ZW33
Cytogenetics:	11p15.3
Summary:	May cooperate with MAPK1/ERK2 via an intracellular signal transduction pathway in the morphogenetic development of round spermatids to spermatozoa. May act as Rab effector protein and play a role in vesicle trafficking.[UniProtKB/Swiss-Prot Function]
Protein Families:	Protease

Product images:

Coomassie blue staining of purified MICALCL protein (Cat# [TP324524]). The protein was produced from HEK293T cells transfected with MICALCL cDNA clone (Cat# [RC224524]) using MegaTran 2.0 (Cat# [TT210002]).