

Product datasheet for PH309817

MKLN1 (NM_013255) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MKLN1 MS Standard C13 and N15-labeled recombinant protein (NP_037387)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209817
Predicted MW:	84.8 kDa
Protein Sequence:	>RC209817 protein sequence Red=Cloning site Green=Tags(s)

MAAGGAVAAPECRLLPYALHKWSSFSSSTYLPENILVDKPNQSSRWSSSNYPQYLILKLERPAIVQN
ITFGKYEKTHVCNLKKFKVFGGMNEENMTELLSSGLKNDYNKETFTLKHKIDEQMFCRFIKIVPLLSWG
PSFNFSIWYVELSGIDDPDIVQPCLNWYSKYREQEAIKRLCKHFRQHNYTEAFESLQKTKIALEHPMLT
DIHDKLVKGFDFACEELIEKAVNDGLFNQYISQEQYKPRWSQIIPKSTKGDGEDNRPGRMRGGHQMVIDV
QTETVYLFGGWDGTQDLADFWAYSVKENQWTCISRDEKENGPSARSCHKMCIDIQRRQIYTLGRYLDSS
VRNSKSLKSDFYRYDIDTNTWMLLSEDTAADGGPKLVFDHQMCMDSKHMITYTFGGRILTCNGSVDDSR
SEPQFSGLFAFNCQCQTWKLLEDSCNAGPEDIQSRIGHCMLFHSKNRCLYVFGGQRSKTYLNDFFSYDV
DSDHVDIISDGTKKDSGMVPMGTGTQRTIDPELNEIHVL SGLSKDKEKREENVRSFWIYDIVRNSWSC
VYKNDQAAKDNPTKSLQEEPCPRFAHQLVYDELHKVHYLFGGNPGKSCSPKMRLDDFWSLKLCRPSKDY
LLRHCKYLIRKHRFEEKAQVDPLSALKYLQNDLYITVDHSDPEETKEFQLLASALFKSGSDFTALGFSDV
DHTYAQRTQLFDLTVNFFPDSMTPPKGNLVDLITL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

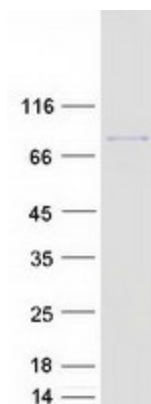
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	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_037387



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RefSeq Size:	11194
RefSeq ORF:	2205
Synonyms:	TWA2
Locus ID:	4289
UniProt ID:	Q9UL63 , B4DG30
Cytogenetics:	7q32.3
Summary:	Muskelin is an intracellular protein that acts as a mediator of cell spreading and cytoskeletal responses to the extracellular matrix component thrombospondin I (MIM 188060) (Adams et al., 1998 [PubMed 9724633]).[supplied by OMIM, Mar 2008]

Product images:



Coomassie blue staining of purified MKLN1 protein (Cat# [TP309817]). The protein was produced from HEK293T cells transfected with MKLN1 cDNA clone (Cat# [RC209817]) using MegaTran 2.0 (Cat# [TT210002]).