

Recombinant Human MKLN1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MKLN1-4003H Lot. No. (See product label)

SPECIFICATION

Product Overview

MKLN1 MS Standard C13 and N15-labeled recombinant protein (NP_037387) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

Muskelin is an intracellular protein that acts as a mediator of cell spreading and cytoskeletal responses to the extracellular matrix component thrombospondin I.

Molecular Mass

84.8 kDa

AA Sequence

MAAGGAVAAAPECRLLPYALHKWSSFSSTYLPENILVDKPNQSSRWSSSESNYPPQ
YLILKLERPAIVQNITFGKYEKTHVCNLKFKVFGGMNEENMTELLSSGLKNDYNKET
FTLKHKIDEQMFPKRFKIVPLLSWGSPFNFSIWYVELSGIDDPDIVQPCLNWYSKYR
EQEAIRLCLKHFRQHNYTEAFESLQKKTIALEHPMLTDIHDKLVKGFDFACEELIEK
AVNDGLFNQYISQQEYKPRWSQIIPKSTKGDGEDNRPGMRGGHQMVIDVQTETVYL
FGGWDGTQDLADFWAYSVKENQWTCISRDEKENGPSARSCHKMCIDIQRRQIYTL
GRYLDSSVRNSKSLKSDFYRYDIDTNTWMLLSEDTAADGGPKLVFDHQMCMDSEK
HMIYTFGGRILTCNGSVDDSRASEPQFSGLFAFNCQCQTWKLLREDSNAGPEDIQ
SRIGHCMLFHSKNRCLYVFGGQRSKTYLNDFFSYDVSDHVDIISDGTKKDSGMVP
MTGFTQRATIDPELNEIHVLSGLSKDKEKREENVNSFWIYDIVRNSWSCVYKNDQA
AKDNPTKSLQEEPCPRFAHQLVYDELHKVHYLFGGNPGKSCSPKMRLDDFWSLK

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LCRPSKDYLLRHCKYLIRKHRFEEKAQVDPLSALKYLQNDLYITVDHSDPEETKEFQL
LASALFKSGSDFTALGFSDVDHTYAQRTQLFDTLVNFFPDSMTPPKGNLVDLITLTRT
RPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name MKLN1 muskelin 1 [Homo sapiens (human)]

Official Symbol MKLN1

Synonyms MKLN1; muskelin 1, intracellular mediator containing kelch motifs; muskelin; TWA2; FLJ11162;

Gene ID 4289

mRNA Refseq NM_013255

Protein Refseq NP_037387

MIM 605623

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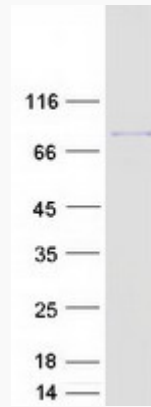
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UniProt ID

Q9UL63

SDS-PAGE



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