

Recombinant Human MON1B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MON1B-6382H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MON1B MS Standard C13 and N15-labeled recombinant protein (NP_055755) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	MON1B (MON1 Homolog B, Secretory Trafficking Associated) is a Protein Coding gene. Diseases associated with MON1B include Intracranial Chondrosarcoma and Hairy Tongue. Among its related pathways are RAB GEFs exchange GTP for GDP on RABs and Vesicle-mediated transport. An important paralog of this gene is MON1A.
Molecular Mass	59.2 kDa
AA Sequence	MEVGGDTAAPAPGGAEDLEDTPFPSEEAREGGGVHAVPPDPEDEGLEETGSKDKD QPPSPSPPPQSEALSSTSRWLWSPAAPENSPTCSPSSSGGQGGDPSDEEWSRQR KHVFVLSEAGKPIYSRYGSVEALSATMGVMTALVSFVQSAGDAIRAIYAEDHKLVLFLQ QGPLLLVAMSRTSQSAAQLRGELLAVHAQIVSTLTRASVARIFAHKQNYDLRRLLAG SERTLDRLLDSMEQDPGALLLGAVRCVPLARPLRDALGALLRRCTAPGLALSVLAVG GRLITAAQERNVLAECRLDPADLQLLLDWVGAPAFAGEAWAPVCLPRFNPDGFFY AYVARLDAMPVCLLLLGTQREAFHAMAACRRLVEDGMHALGAMRALGEAASFNSA SSASAPAYSVQAVGAPGLRHFLYKPLDIPDHRQLPQFTSPELEAPYSREEERQRLS

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DLYHRLHARLHSTSRPLRLIYHVAEKETLLAWVTSKFELYTCLSPVTKAGAILVVTKL
LRWVKKEEDRLFIRYPPKYSTPPATSTDQAAHNGLFTGLTRTRPLEQKLISEEDLAAN
DILDYKDDDDKV

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 MON1B MON1 homolog B, secretory trafficking associated [Homo sapiens (human)]

Official Symbol MON1B

Synonyms MON1B; MON1 homolog B (yeast); vacuolar fusion protein MON1 homolog B; HSRG1; KIAA0872; SAND2; HSV-I stimulating-related protein; HSV-1 stimulation-related gene 1 protein; SRG1;

Gene ID 22879

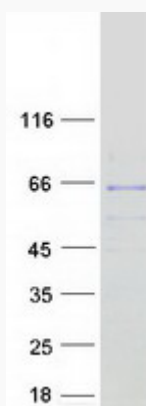
mRNA Refseq NM_014940

Protein Refseq NP_055755

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MIM 608954**UniProt ID** Q7L1V2**SDS-PAGE** Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA