

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

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

## SPECIFICATION

<b>Product Overview</b>	MON1B MS Standard C13 and N15-labeled recombinant protein (NP_055755) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	59.2 kDa
<b>AA Sequence</b>	MEVGGDTAAPAPGGAEDLEDTQFPSEEAREGGGVHAVPPDPEDEGLEETGSKDKD QPPSPSPPPQSEALSSTSRWLWSPAAPENSPTCSPSSSSGGQGGDPSDEEWRQR KHVFLVSEAGKPIYSRYGSVEALSATMGVMTALVSFVQSAGDAIRAIYAEDHKLVLFLQ QGPLLLVAMSRTSQSAAQLRGELLAVHAQIVSTLTRASVARIFAHKQNYDLRRLLAG SERTLDRLLDSMEQDPGALLLGAVRCVPLARPLRDALGALLRRCTAPGLALSVLAVG GRLITAAQERNVLAECRLDPADLQLLLDWVGAPAFAGEAWAPVCLPRFNPDPGFFY AYVARLDAMPVCLLLLGTQREAFHAMAACRRLVEDGMHALGAMRALGEAASFNSA SSASAPAYSVQAVGAPGLRHFLYKPLDIPDHRQLPQFTSPELEAPYSREEERQRLS

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DLYHRLHARLHSTSRPLRLIYHVAEKETLLAWVTSKFELYTCLSPLVTKAGAILVVTKL  
LRWVKKEEDRLFIRYPPKYSTPPATSTDQAAHNGFLTGLTRTRPLEQKLISEEDLAAN  
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**



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