

Recombinant Human DRC1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DRC1-894H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	C2orf39 MS Standard C13 and N15-labeled recombinant protein (NP_659475) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a central component of the nexin-dynein complex (N-DRC), which regulates the assembly of ciliary dynein. Mutations in this gene can cause ciliary dyskinesia.
Molecular Mass	87 kDa
AA Sequence	MNPPGSLEALDPNVDEHLSTQILAPSVHSDNSQERIQARRLRIAARLEARRRREALGE YLDGKKKESEEDQSKSYKQKEESRLKLAKLLLCGTELVTNIQVAIDIREIHRVVEEEEIK RQRIEKLNEVKTSQDKFDEITSKWEKGKQKRIPQELWEMLNTQQLHCAGLLEDKN KLISELQQELKTKDDQYVKDLKKQSDDICLLERMEEQVKNVMKTFREELYNIEKA FEVERQELLASNNKKWEQALQAHNAKELEYLNNRMKKVEDYEKQLNRQRIWDCEEYN MIKIKLEQDVQILEQQQLQQRKAIYQLNQEKEYNLQVLKKRDEESTVIKSQQKRKINRL HDILNNLRSKYAKQIKQFQEENQSLTSDYKRLVMQFKELQKAMRHFALIDDEKFWEI WLMNEEEAKDLIARAFDVRDRIIHTHHLGLPWAAPDFWFLNNVGPISQQPQKSATQIV EEMLMRSEEEEEAEAAAEPESYLDLPKQISEKTTKRILMLLCDESGFLIESKLLSLLLP LEQNECYLLRLDAIFSALGIESEDDLYKLVNFFLKYRAHRLSSSLQIKPCSQASMEKA

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SMEETSTRSELELAEQTEMEGEKEESLVEGEKEEEEETPPSPWVIHPNDVLKILEAF
 VMGLKKPRDSRAPLRVQKNVRDNSK DSEYWQALTTVIPSSKQNLWDALYTALEKYH
 LVL TQRAKLLLENSSLEQQNTELQALLQQYLNSKINSELQVPPTQVLRVPTKTRTRPL
 EQKLISEEDLAANDILDYKDDDDKV

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 DRC1 dynein regulatory complex subunit 1 [Homo sapiens (human)]

Official Symbol DRC1

Synonyms DRC1; dynein regulatory complex subunit 1; CILD21; C2orf39; CCDC164; dynein regulatory complex protein 1; coiled-coil domain-containing protein 164

Gene ID 92749

mRNA Refseq NM_145038

Protein Refseq NP_659475

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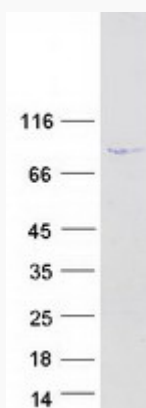
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MIM 615288

UniProt ID Q96MC2

SDS-PAGE



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