

Recombinant Human DRC7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DRC7-2763H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CCDC135 MS Standard C13 and N15-labeled recombinant protein (NP_115645) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Component of the nexin-dynein regulatory complex (N-DRC) a key regulator of ciliary/flagellar motility which maintains the alignment and integrity of the distal axoneme and regulates microtubule sliding in motile axonemes. Involved in the regulation of flagellar motility.
Molecular Mass	103.5 kDa
AA Sequence	MEVLREKVEEEEEAEEREEAAEWAEWARMEKMMRPVEVRKEEITLKQETLRDLEKKL SEIQITVSAELPAFTKDTIDISKLPISYKTNTPKEEHLLQVADNFSRQYSHLCPDRVPLF LHPLNECEVPKFVSTTLRPTLMPYPELYNWDSCAQFVSDFLTMVPLPDPLKPPSHLY SSTTVLKYQKGNSFDFSTLLCSMLIGSGYDAYCVNGYGSDDLCHMDLTREVCPLTVK PKETIKKEEKVLPKKYTIKPPRDLCSEFEQEQEVKKQQEIRAQEKKRLREEERLME AEKAKPDALHGLRVHSLVLSGKREVPENFFIDPFTGHSYSTQDEHFLGIESLWNH KNYWINMQDCWNCKDLIFDLGDPVRWEYMLLGTDKSQLSLTEEDDSGINDEDDV ENLGKEDEDKSFDMPHSWVEQIEISPEAFETRCLNGKKVIQYKRAKLEKWAPYLNNSN GLVSRLTTYEDLQCTNILEIKEWYQNREDMLELKHINKTTDLKTDYFKPGHPQALRVH

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SYKSMQHEMDRVIEFYETARVDGLMKREETPRTMTEYYQGRPDFLSYRHASFGPR
 VKKLTLSAESNRPPIVKITERFFRNPAPAEEDVAERVFLVAEERIQLRYHCREDHIT
 ASKREFLRRTDEVDSKGNKIIMTPDMCISFEVEPMEHTKKLLYQYEAMMHLKREEKLS
 RHQVWESELEVLEILKLREEEAAHTLTISIYDTKRNEKSKEYREAMERMMHEEHLR
 QVETQLDYLAFLAQLPPGEKLTWCQAVRLKDECLSDFKQRLINKANLIQARFEKET
 QELQKKQQWYQENQVTLTPEDEDLYLSYCSQAMFRIRILEQRLNRHKELAPLKYAL
 EEKLYKDPRLGELQKIFATRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 [DRC7 dynein regulatory complex subunit 7 \[Homo sapiens \(human\) \]](#)

Official Symbol [DRC7](#)

Synonyms DRC7; dynein regulatory complex subunit 7; FAP50; CFAP50; CCDC135; C16orf50; dynein regulatory complex subunit 7; coiled-coil domain containing 135; coiled-coil domain-containing protein 135; coiled-coil domain-containing protein lobo homolog

Gene ID [84229](#)

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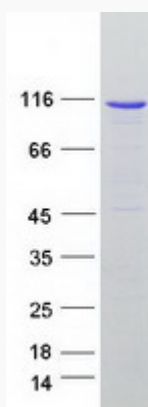
mRNA Refseq NM_032269

Protein Refseq NP_115645

MIM 618769

UniProt ID Q8IY82

SDS-PAGE



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