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	MEVLREKVEEEEEAEREEAAEWAEWARMEKMMRPVEVRKEEITLKQETLRDLEKKL SEIQITVSAELPAFTKDTIDISKLPISYKTNTPKEEHLLQVADNFSRQYSHLCPDRVPLF LHPLNECEVPKFVSTTLRPTLMPYPELYNWDSCAQFVSDFLTMVPLPDPLKPPSHLY SSTTVLKYQKGNSFDFSTLLCSMLIGSGYDAYCVNGYGSLDLCHMDLTREVCPLTVK PKETIKKEEKVLPKKYTIKPPRDLCSRFEQEQEVKKQQEIRAQEKKRLREEEERLME AEKAKPDALHGLRVHSWVLVLSGKREVPENFFIDPFTGHSYSTQDEHFLGIESLWNH KNYWINMQDCWNCCKDLIFDLGDPVRWEYMLLGTDKSQLSLTEEDDSGINDEDDV ENLGKEDEDKSFDMPHSWVEQIEISPEAFETRCLNGKKVIQYKRAKLEKWAPYLNSN GLVSRLTTYEDLQCTNILEIKEWYQNREDMLELKHINKTTDLKTDYFKPGHPQALRVH

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	SYKSMQHEMDRVIEFYETARVDGLMKREETPRTMTEYYQGRPDFLSYRHASFGPR VKKLTLSSAESNPRPIVKITERFFRNPAKPAEEDVAERVFLVAEERIQLRYHCREDHIT ASKREFLRRTEVDSKGNKIIMTPDMCISFEVEPMEHTKKLLYQYEAMMHLKREEKLS RHQVWESELEVLEILKLREEEEAAHTLTISIYDTKRNEKSKEYREAMERMMHEEHLR QVETQLDYLAPFLAQLPPGEKLTCWQAVRLKDECLSDFKQRLINKANLIQARFEKET QELQKKQQWYQENQVTLTPEDEDLYLSYCSQAMFRIRILEQRLNRHKELAPLKYLAL 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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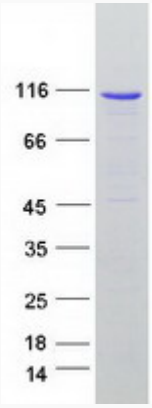
mRNA Refseq	NM_032269
Protein Refseq	NP_115645
MIM	618769
UniProt ID	Q8IY82
SDS-PAGE	

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