

Product datasheet for **TP306168L**

DRC7 (NM_032269) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human coiled-coil domain containing 135 (CCDC135), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206168 protein sequence Red =Cloning site Green =Tags(s)

MEVLREKVEEEEEAEEREEAAEWAEWARMMEKMMRPVEVRKEEITLKQETLRDLEKKLSEIQITVSAELPAF
TKDTIDISKLPISYKTNTPKKEHLLQVADNFSRQYSHLCPDRVPLFLHPLNECEVPKFVSTTLRPTLMPY
PELYNWDSCAQFVSDFLTMVPLPDPLKPPSHLYSSTTVLKQYKGNSTFSTLLCSMLIGSGYDAYCVNGY
GSLDLCHMDLTREVCPLTVKPKETIKKEEKVLPKKYTIKPPDLCSRFEQEVEVKKQEQEIRAQEKRLRE
EEERLMEAEKAKPDALHGLRVHWSVVLVLSGKREVPENFFIDPFTGHSYSTQDEHFLGIESLWNHKNYWIN
MQDCWNCKDLIFDLGDPVRWEYMLLGTDKSQLSLTEEDDSGINDEDDVENLGKEDDKSFDMPHSWV
EQ
IEISPEAFETRCLNGKKVIQYKRAKLEKWAPYLNSNGLVSRLTTYEDLQCTNILEIKEWYQNREDMLELK
HINKTTDLKTDYFKPGHPQALRVHSYKSMQHENDRVIEFYETARVDGLMKREETPRMTTEYYQGRPDFLS
YRHASFGPRVKKLTSSAESNPRPIVKITERFFRNPAPAEEDVAERVFLVAEERIQLRYHCREDHITAS
KREFLRTEVDSKGNKIIMTPDMCISFEVEPMEHTKKLLYQYEAMMHLKREKLSRHQVWESELEVLEIL
KLREEEAAHTLTISIYDTRNEKSKEYREAMERMMHEEHLRQVETQLDYLAFLAQLPPGEKLTWCQAV
RLKDECLSDFKQRLINKANLIQARFEKETQELQKKQWYQENQVTLTPEDEDLYLSYCSQAMFRIRILEQ
RLNRHKELAPLKYLAEEKLYKDPRLGELQKIFA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

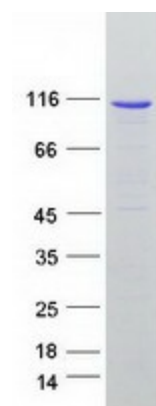
Tag:	C-Myc/DDK
Predicted MW:	103.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_115645
Locus ID:	84229
UniProt ID:	Q8IY82
RefSeq Size:	2926
Cytogenetics:	16q21
RefSeq ORF:	2622
Synonyms:	C16orf50; CCDC135; CFAP50; FAP50
Summary:	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.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified DRC7 protein (Cat# [TP306168]). The protein was produced from HEK293T cells transfected with DRC7 cDNA clone (Cat# [RC206168]) using MegaTran 2.0 (Cat# [TT210002]).