

Product datasheet for **TP308501M**

LRRC48 (DRC3) (NM_031294) Human Recombinant Protein

Product data:

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|------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human leucine rich repeat containing 48 (LRRC48), transcript variant 2, 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA | >RC208501 protein sequence |
| Clone or AA Sequence: | Red=Cloning site Green=Tags(s) |

MNQPCNSMEPRVMDDDMLKLAVGDQGPQEEAGQLAKQEGILFKDVLSLQLDFRNILRIDNLWQFENLRKL
QLDNNIIIEKIEGLENLAHLVWLDLSFNNIETIEGLDTLVNLEDLSLFNNRISKIDSLDALVKLQVLSLGN
NRIDNMMNIIYLRRFKCLRTLSLSRNPISAEADYKMFICAYLPDLMYLDYWRIDDHTKKLAEAKHQYSID
ELKHQENLMQAQLEDEQAQREELEKHKTAFVEHLNGSFLFDSMYAEDSEGNLSYLPVGVGELLETKYDKF
VIICVNIFEYGLKQQEKRTLDTFSECVREAIQENQEQGKRKIAKFEEKHLSSLSAIREELELPNIEKM
ILECSADISELFDALMTLEMQLVEQLEETINMFERNIVDMVGLFIENVQSLMAQCRDLENHHHEKLEIS
ISTLEKIVEGDLDEDLPNDLRALFVDKDTIVNAV GASHDIHLLKIDNREDELVTRINSWCTRLIDRIHKD
EIMRNRKRVKEINQYIDHMQSELDNLECGDILD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

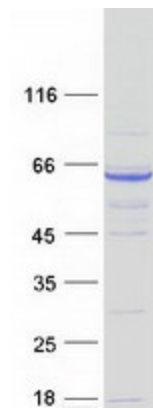
| | |
|-----------------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 60.9 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| 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. |



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| 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_112584 |
| Locus ID: | 83450 |
| UniProt ID: | Q9H069 |
| RefSeq Size: | 2094 |
| Cytogenetics: | 17p11.2 |
| RefSeq ORF: | 1569 |
| Synonyms: | CFAP134; LRRC48 |
| 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.[UniProtKB/Swiss-Prot Function] |

Product images:



Coomassie blue staining of purified DRC3 protein (Cat# [TP308501]). The protein was produced from HEK293T cells transfected with DRC3 cDNA clone (Cat# [RC208501]) using MegaTran 2.0 (Cat# [TT210002]).