

Product datasheet for TP300169L

CFAP298 (NM_021254) Human Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human chromosome 21 open reading frame 59 (C21orf59), 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC200169 protein sequence Red=Cloning site Green=Tags(s) |

MVLLHVKRGDESQFLLQAPGSTEEELTVQVARVYNGRLKVQRLCSEMEELAEHGIFLPPNMQGLTDDQI
EELKLDKDEWGEKCVPSGGAVFKKDDIGRRNGQAPNEKMKQVLKKTIEEAKAIISKKQVEAGVCVTMEMVK
DALDQLRGAVMIVYPMGLPPYDPIRMEFENKEDLSGTQAGLNVIKEAEAQLWWAAKELRRTKKLSDYVVK
NEKTKIIAKIQQRGQGAPAREPIISSEEQQLMLYYHRRQEELKRL EENDDDAYLNSPWADNTALKRHFH
GVKDIKWRPR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

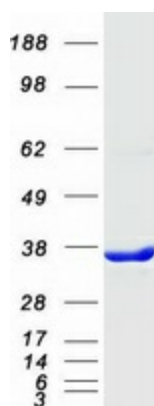
| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 33 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | 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. |
| 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: | <u>NP_067077</u> |
| Locus ID: | 56683 |



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| | |
|---------------|--|
| UniProt ID: | P57076 |
| RefSeq Size: | 1427 |
| Cytogenetics: | 21q22.11 |
| RefSeq ORF: | 870 |
| Synonyms: | C21orf48; C21orf59; CILD26; FBB18; Kur |
| Summary: | This gene encodes a protein that plays a critical role in dynein arm assembly and motile cilia function. Mutations in this gene result in primary ciliary dyskinesia. Naturally occurring readthrough transcription occurs from this locus to the downstream t-complex 10 like (TCP10L) gene. [provided by RefSeq, Apr 2017] |

Product images:



Coomassie blue staining of purified CFAP298 protein (Cat# [TP300169]). The protein was produced from HEK293T cells transfected with CFAP298 cDNA clone (Cat# [RC200169]) using MegaTran 2.0 (Cat# [TT210002]).