

Product datasheet for PH300169

CFAP298 (NM_021254) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C21orf59 MS Standard C13 and N15-labeled recombinant protein (NP_067077)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200169
Predicted MW:	33.2 kDa
Protein Sequence:	>RC200169 protein sequence Red=Cloning site Green=Tags(s) MVLLHVKRGDESQFLLQAPGSTLEELTVQVARVYNGRLKVQRLCSEMEELAHEGIFLPPNMQGLTDDQI EELKCLKDEWGEKCVPSGGAVFKKDDIGRRNGQAPNEKMKQVLKKTIEEAKAIISKQVEAGVCVTMEMVK DALDQLRGAVMIVYPMGLPPYDPIRMEFENKEDLSGTQAGLNVIKEAEAQLWWAAKELRRTKKLSDYVVGK NEKTKIIAKIQQRGQAPAREPIISSEEQQLMLYYHRRQEELKRLEENDDDAYLNSPWADNTALKRHFH GVKDIKWRPR TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_067077</u>
RefSeq Size:	1427
RefSeq ORF:	870
Synonyms:	C21orf48; C21orf59; CILD26; FBB18; Kur
Locus ID:	56683



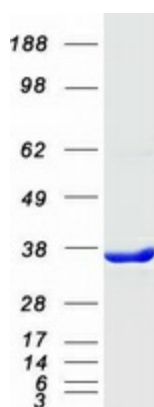
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UniProt ID: [P57076](#)

Cytogenetics: 21q22.11

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]).