Recombinant Full Length Human CFAP298 Protein, C-Flag-tagged

Cat. No. CFAP298-1166HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CFAP298 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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 occuring readthrough transcription occurs from this locus to the downstream t-complex 10 like (TCP10L) gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	33 kDa
AA Sequence	MVLLHVKRGDESQFLLQAPGSTELEELTVQVARVYNGRLKVQRLCSEMEELAEHGI FLPPNMQGLTDDQI EELKLKDEWGEKCVPSGGAVFKKDDIGRRNGQAPNEKMKQV LKKTIEEAKAIISKKQVEAGVCVTMEMVK DALDQLRGAVMIVYPMGLPPYDPIRMEF ENKEDLSGTQAGLNVIKEAEAQLWWAAKELRRTKKLSDYVGK NEKTKIIAKIQQRGQ GAPAREPIISSEEQKQLMLYYHRRQEELKRLEENDDDAYLNSPWADNTALKRHFH GVKDIKWRPRTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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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.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	CFAP298 cilia and flagella associated protein 298 [Homo sapiens (human)]
Official Symbol	CFAP298
Synonyms	Kur; FBB18; CILD26; DNAAF16; C21orf48; C21orf59
Gene ID	56683
mRNA Refseq	NM_021254.4
Protein Refseq	NP_067077.1
MIM	615494
UniProt ID	P57076

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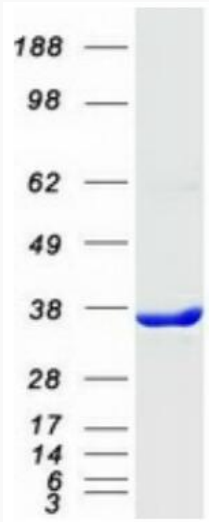

Coomassie blue staining of purified CFAP298 protein.

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