

Recombinant Mouse Cfap298 Protein, Myc/DDK-tagged

Cat. No. Cfap298-2127M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length cilia and flagella associate protien 298 (Cfap298), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays a role in motile cilium function, possibly by acting on outer dynein arm assembly. Seems to be important for initiation rather than maintenance of cilium motility. Required for correct positioning of cilia at the apical cell surface, suggesting an additional role in the planar cell polarity (PCP) pathway. May suppress canonical Wnt signaling activity.
Molecular Mass	33.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
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 after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Cfap298 cilia and flagella associate protien 298 [Mus musculus (house mouse)]
Official Symbol	Cfap298
Synonyms	Cfap298; cilia and flagella associate protien 298; 1110004E09Rik; cilia- and flagella-associated protein 298; UPF0769 protein C21orf59 homolog; protein kurly homolog
Gene ID	68001
mRNA Refseq	NM_026502
Protein Refseq	NP_080778
UniProt ID	Q8BL95

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