

Product datasheet for TP503964

1110004E09Rik (NM_026502) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cilia and flagella associate protien 298 (Cfap298), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203964 protein sequence Red=Cloning site Green=Tags(s)

MVVLHVKRGDESQFLLQAPGSTELEELTAQVARVYNGRLKVHRLCSEMEELAHEGVFLHPNMQGLTDEQI
EELKLDKDEWGEKCVPSGGSVFTKDEIGRRNGQAPNEKMKQVLKKTVEEAKAIVSKKQVEAGVFVTMEMVK
DALDQLRGAVMIVYPMGLPPYDPIRMEFENKEDLSGTQAALEVIQESQAQLWWAAKELRRTKKLSDYVVGK
NEKTKIIVKIQQRGQAPAREPVISSEEHKQLMLFYHRRQEELKLEENDDSDCLNSPWADNTALKRHFH
GVKDIKWRPR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	33.2 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
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 after receiving vials.
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_080778
Locus ID:	68001
UniProt ID:	Q8BL95



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RefSeq Size: 1163

Cytogenetics: 16 C3.3

RefSeq ORF: 873

Summary: 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.[UniProtKB/Swiss-Prot Function]