

## 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 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MVVLHVKRGDESQFLLQAPGSTELEELTAQVARVYNGRLKVHRLCSEMEELAHEGVFLHPNMQGLTDEQI  
EELKLDKDEWGEKCVPSGGSVFTKDEIGRRNGQAPNEKMKQVLKKTVEEAKAIVSKKQVEAGVFVTMEMVK  
DALDQLRGAVMIVYPMGLPPYDPIRMEFENKEDLSGTQAALEVIQESQAQLWWAAKELRRTKKLSDYVVGK  
NEKTKIIVKIQQRGQAPAREPVISSEEHKQLMLFYHRRQEELKKLEENDDSDCLNSPWADNTALKRHFH  
GVKDIKWRPR

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	33.2 kDa
Concentration:	>50 ug/mL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
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:	<u><a href="#">NP_080778</a></u>
Locus ID:	68001
UniProt ID:	<u><a href="#">Q8BL95</a></u>
RefSeq Size:	1163
Cytogenetics:	16 C3.3



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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]