

Product datasheet for TP522797

Ift57 (NM_028680) Mouse Recombinant Protein

Product data:

| | |
|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse intraflagellar transport 57 (Ift57), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR222797 representing NM_028680 Red=Cloning site Green=Tags(s) |

MAAAAVIPPSGLDDGVSRRAGEGAGEAVERGPGAAYHMFVWMDLVEKLLRYEEELLRKSNLKPPS
RHYFALPTNPGEQFYMFCTLAAWLINKTGRAFEQPQEYDDPNATISNILSELRSFGRTADFPSPKLSGY
GEQVCYVLDCLAEELKYGFTWKRPSYPVEELEETVPEDDAELTSLKVDEEFVEEETDNEENFIDLNV
LKAQTYRLDTNESAKQEDILESTTDAAEWSLEVERVLPQLKVTIRTDNKDWRIHVDQMHQHKSGIESALK
ETKGFLDKLNHNEISRTLEKIGSREKYINNQLHLVQEYRGAQAQLSEARERYQQNGGVTERTRLLSEVT
EELEKVKQEMEEKGSSMTDGTPLVKIKQSLTKLKQETVQMDIRIGVVEHTLLQSKLKEKCNMTRDMHAAV
TPESAIGFY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|----------------|--|
| Tag: | C-MYC/DDK |
| Predicted MW: | 48.8 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_082956 |
| Locus ID: | 73916 |



[View online »](#)

UniProt ID: [Q8BXG3](#), [B2RQZO](#)

RefSeq Size: 2540

Cytogenetics: 16 B5

RefSeq ORF: 1287

Synonyms: 4833420A15Rik; Esrrbl1; Hippj; MHS4R2

Summary: Required for the formation of cilia. Plays an indirect role in sonic hedgehog signaling, cilia being required for all activity of the hedgehog pathway. Has pro-apoptotic function via its interaction with HIP1, leading to recruit caspase-8 (CASP8) and trigger apoptosis. Has the ability to bind DNA sequence motif 5'-AAAGACATG-3' present in the promoter of caspase genes such as CASP1, CASP8 and CASP10, suggesting that it may act as a transcription regulator; however the relevance of such function remains unclear.[UniProtKB/Swiss-Prot Function]