

## Product datasheet for TP506808

### Arl13b (NM\_026577) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ADP-ribosylation factor-like 13B (Arl13b), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206808 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MFSLMANCCNLFKRWREPVRKVTLVMVGLDNAGKTATAKGIQGEHPEDVAPTVGFSKIDLRQGFQVTIF DLGGGKRIRGIWKNYYAESYGVIFVVDSSDEERMEETKETMSEVLRHPRISGKPIVLANKQDKEGALGE ADVIECLSLEKLVNEHKCLCQIEPCSAVLGYGKKIDKSIKKGLYWLLHIIAKDFDALSRIQKDTTEQRA LEEQEKRERAERVRKLREREREQTELDGTSGLAEIDSGPVLANPFQPIAAVVIENEKKQEKEKKKQTV KDSVDVGLLEHKVEPEQAAPQSEADCLQNPDERVVDSYREALSQQLDSEDEQDQRGSESGENSKKKTKKL RMKRSQRVEPVNTDESTPKSPTPPQPPPPVGGWTPKVTRLPKLEPLGETRHNDFYGKPLPLAVRQRPNG DAQDTIS</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	48.1 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:	<u><a href="#">NP_080853</a></u>
Locus ID:	68146



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**UniProt ID:** [Q640N2](#), [Q9CUD0](#)

**RefSeq Size:** 3541

**Cytogenetics:** 16 C1.3

**RefSeq ORF:** 1284

**Synonyms:** A530097K21Rik; A930014M17Rik; Arl2l1; C530009C10Rik; hnn

**Summary:** Cilium-specific protein required to control the microtubule-based, ciliary axoneme structure. May act by maintaining the association between IFT subcomplexes A and B. Binds GTP but is not able to hydrolyze it; the GTPase activity remains unclear. Required to pattern the neural tube. Involved in cerebral cortex development: required for the initial formation of a polarized radial glial scaffold, the first step in the construction of the cerebral cortex, by regulating ciliary signaling (PubMed:23817546). Regulates the migration and placement of postmitotic interneurons in the developing cerebral cortex (PubMed:23153492).[UniProtKB/Swiss-Prot Function]