

## Product datasheet for TP523661

### Atp2b2 (NM\_001036684) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse ATPase, Ca<sup>++</sup> transporting, plasma membrane 2 (Atp2b2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR223661 representing NM\_001036684  
**Red**=Cloning site **Green**=Tags(s)

MGDMTNSDFYSKNQRNESSHGGEFGCTMEELRSLMELRGTEAVWKIKETYGDTEAICRRLKTSPEVGLPG  
TAPDLEKRKQIFGQNFIPPKPKTFLQLVWEALQDVTLLIIEIAAIIISLGLSFYHPPGESNEGCATAQGG  
AEDEGEAEAGWIEGAAILLSVICVVLVTFANDWSKEKQFRGLQSRIEQEQKFTVVRAGVQVQIPVAEIV  
GDIAQIKYGDLLPADGLFIQGNLDKIDESSLTGESDQVRKSVDPKMLLSGTHVMEGSGRMVVTAVGVNS  
QTGIIFTLGAGGEEEEKKDKKAKQQDGAAAMEMQPLKSAEGGDADDKKKANMHHKKEKSVLQGLTKLAV  
QIGKAGLVMSAITVIILVLYFTVDTFVWNKKPWLTECTPVVYQYFVKFFIIGVTVLVAVPEGLPLAVTI  
SLAYSVKMMKDNNLVRHLDACETMGNATAICSDKTGTLTNRMTVVQAYVGDVHYKEIPDPSSINAKTL  
ELLVNAIAINSAYTTKILPPEKEGALPRQVGNKTECGLLGFVLDLRQDYEPVRSQMPEEKLYKVYTFNSV  
RKSMTSVIKMPDESRMYSGASEIVLKKCKKILSGAGEARVFRPRDRDEMVKKVIPEMACDGLRTICVA  
YRDFPSSPEPDWDNENDILNELTICVVGIEDPVRPEVPEAIRKCCQRAGITVRMVTGDNINTARAIKIC  
GIIHPGEDFLCLEGKEFNRRIRNEKGEIEQERIDKIWPKLRVLRSSPTDKHTLVKGIIDSTHTEQRQVW  
AVTGDGTNDGPALKKADVGFAMGIAGTDVAKEASDIILTDNDFSSIVKAVMWGRNVYDSISKFLQFQLTV  
NVVAVIVAFTGACITQDSPLKAVQMLWVNLIMDTFASLALATEPPTETLLLRKPYGRNKPLISRTMMKNI  
LGHAVYQLTLIFTLFVGEKMFQIDSGRNAPLHSPSEHYTIIFNTFVMMQLFNEINARKIHGERNVFDG  
IFRNPIFCTIVLGTFAIQIVIVQFGGKPFSCSPLQLDQWMWCIFIGLGLVWQVIATIPTSRLKFLKEA  
GRLTQKEEIPPEELNEDVEEIDHAERELRRGQILWFRGLNRIQTQIRVVKAFRSSLYEGLEKPESSRTSIH  
NFMHPEFRIEDSQPHIPLIDDDTLEEDAALKQNSSPSSLNKNNSAIDSGINLTTDTSKTSATSSSPGSP  
IHSLETSL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-MYC/DDK

**Predicted MW:** 133 kDa

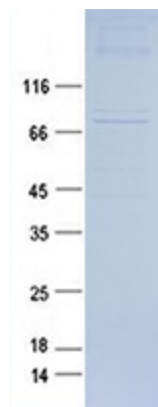
**Concentration:** >0.05 µg/µL as determined by microplate BCA method



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<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001031761</a>
<b>Locus ID:</b>	11941
<b>UniProt ID:</b>	<a href="#">Q9R0K7</a> , <a href="#">Q3UHH0</a> , <a href="#">Q3UHJ3</a>
<b>RefSeq Size:</b>	6925
<b>Cytogenetics:</b>	6 52.85 cM
<b>RefSeq ORF:</b>	3594
<b>Synonyms:</b>	D6Abb2e; dfw; Gena300; jog; PMCA2; Tmy; wms; wri
<b>Summary:</b>	This magnesium-dependent enzyme catalyzes the hydrolysis of ATP coupled with the transport of calcium out of the cell. Plays a role in maintaining balance and hearing.[UniProtKB/Swiss-Prot Function]

### Product images:



Purified recombinant protein Atp2b2 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.