

## Product datasheet for **TP505747**

### Atcay (NM\_178662) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ataxia, cerebellar, Cayman type (Atcay), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205747 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MGTTEATLRMENVDRVDEWQDEDLPRPLPEDTGVERLGGAVEDSSSPSTLNLSGAHRKRKTLVAPEINI SLDQSEGSLLSDDFLDTPDDLINVDIETPDETDLSLEFLGNGNELEWEDDTPVATAKNMPGDSADLFGD GSAEDGSAANGRLWRTVIIGEQEHRIDLHMIRPVMKVVTHGGYYGEGLNAIIVFAACFLPDSSSPDYHYI MENFLYVISSLELLVAEDYMIVYLNATPRRRMPGIGWLKKCYHMIDRRLRKNLKSIIIVHPSWFIRTV LAISRPFISVKFISKIQYVHSLEELERLIPMEHVQLPDCVLQYEEQRLRAKRESTRPPQPEFLLPRSEEK PETVEEDRAAEATEDQETSMS</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	42.2 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:	<a href="#">NP_848777</a>
Locus ID:	16467
UniProt ID:	<a href="#">Q8BHE3</a>



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<b>RefSeq Size:</b>	3677
<b>Cytogenetics:</b>	10 39.72 cM
<b>RefSeq ORF:</b>	1119
<b>Synonyms:</b>	3322401A10Rik; BB077577; BNIP-H; CLAC; hes; ji
<b>Summary:</b>	Functions in the development of neural tissues, particularly the postnatal maturation of the cerebellar cortex. May play a role in neurotransmission through regulation of glutaminase/GLS, an enzyme responsible for the production in neurons of the glutamate neurotransmitter. Alternatively, may regulate the localization of mitochondria within axons and dendrites.[UniProtKB/Swiss-Prot Function]