

## Product datasheet for TP521030

### Apobec2 (NM\_009694) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse apolipoprotein B mRNA editing enzyme, catalytic polypeptide 2 (Apobec2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR221030 representing NM_009694 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MAQKEEAAEAAAAPASQNGDDLENLEDPEKLEKELIDLPPFEIVTGVRLPVNFFKFQFRNVEYSSGRNKFTL CYVVEVQSKGGQAQATQGYLEDEHAGAHAEAEFFNTILPAFDPALKYNVTWYVSSSPCAACADRILKTL KTKNLRLLILVSRFLMWEEPEVQAALKKLKEAGCKLRIMKPQDFEYIWQNFVEQEEGESKAFEPWEDIQE NFLYYEEKLADILK  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	26.1 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:	<a href="#">NP_033824</a>
Locus ID:	11811
UniProt ID:	<a href="#">Q9WV35</a>
RefSeq Size:	1218



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Cytogenetics: 17 24.02 cM

RefSeq ORF: 672

Synonyms: Arp1

**Summary:** Probable C to U editing enzyme whose physiological substrate is not yet known. Does not display detectable apoB mRNA editing. Has a low intrinsic cytidine deaminase activity. May play a role in the epigenetic regulation of gene expression through the process of active DNA demethylation.[UniProtKB/Swiss-Prot Function]