

Product datasheet for **TP308399M**

APOBEC2 (NM_006789) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 2 (APOBEC2), 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC208399 representing NM_006789 Red =Cloning site Green =Tags(s) |
| | <p>MAQKEEA AVATEAASQNGEDLENLDDPEKLKELIELPPFEIVTGERLPANFFKFQFRNVEYSSGRNKTF CYVVEAQGGQVQASRGYLEDEHAAAHAEEAFFNTILPAFDPALRYNVTWYVSSSPCAACADRIIKT KTKNLRLLILVGRLFMWEEPEIQAALKKLEAGCKLRIMKPQDFEYVWQNFVEQEEGESKAFQPWEDIQ NFLYYEKLADILK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Tag: | C-Myc/DDK |
| Predicted MW: | 25.5 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 |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| 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. |
| 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>NP_006780</u> |
| Locus ID: | 10930 |



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UniProt ID: [Q9Y235](#)

RefSeq Size: 1195

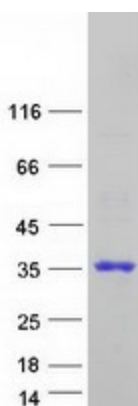
Cytogenetics: 6p21.1

RefSeq ORF: 672

Synonyms: ARCD1; 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]

Product images:



Coomassie blue staining of purified APOBEC2 protein (Cat# [TP308399]). The protein was produced from HEK293T cells transfected with APOBEC2 cDNA clone (Cat# [RC208399]) using MegaTran 2.0 (Cat# [TT210002]).