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Product datasheet for TP312395M
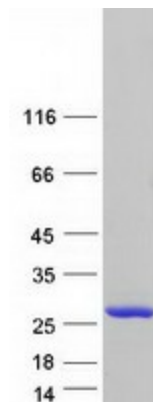
ADAT2 (NM_182503) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human adenosine deaminase, tRNA-specific 2, TAD2 homolog (S. cerevisiae) (ADAT2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212395 representing NM_182503 Red=Cloning site Green=Tags(s) MEAKAAPKPAASGACSVSAEETEKWMEEAMHMAKEALENTEVPVGCLMVYNNEVVGKGRNEVNQTKNATR HAEMVAIDQVLDWCRQSGKSPSEVFEHTVLYVTVEPCIMCAAALRLMKIPLVVYGCQNERFGGCGSVLNI ASADLPNTGRPFQCIPGYRAEEAVEMLKTFYKQENPNAPKSKVRKKECQKS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	20.9 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:	NP_872309
Locus ID:	134637
UniProt ID:	Q7Z6V5

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RefSeq Size:	6270
Cytogenetics:	6q24.2
RefSeq ORF:	573
Synonyms:	DEADC1; dJ20N2; dJ20N2.1; TAD2
Summary:	Probably participates in deamination of adenosine-34 to inosine in many tRNAs. [UniProtKB/Swiss-Prot Function]

Product images:

Coomassie blue staining of purified ADAT2 protein (Cat# [TP312395]). The protein was produced from HEK293T cells transfected with ADAT2 cDNA clone (Cat# [RC212395]) using MegaTran 2.0 (Cat# [TT210002]).