

Product datasheet for PH312395

ADAT2 (NM_182503) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ADAT2 MS Standard C13 and N15-labeled recombinant protein (NP_872309)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212395
Predicted MW:	20.9 kDa
Protein Sequence:	>RC212395 representing NM_182503 Red=Cloning site Green=Tags(s) MEAKAAPKPAASGACSVSAEETEKWMEEAMHMAKEALENTEVPVGCLMVYNNEVVGKGRNEVNQTKNATR HAEMVAIDQVLDWCRQSGKSPSEVFEHTVLYVTVEPCIMCAAALRLMKIPLVVYGCQNERFGCGSVLNI ASADLPNTGRPFQCIPIGYRAEEAVEMLKTFYKQENPNAPKSKVRKKECQKS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_872309
RefSeq Size:	6270
RefSeq ORF:	573
Synonyms:	DEADC1; dj20N2; dj20N2.1; TAD2
Locus ID:	134637
UniProt ID:	Q7Z6V5

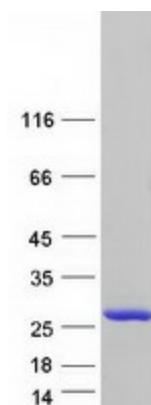


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Cytogenetics: 6q24.2

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]).