

Product datasheet for PH308399

APOBEC2 (NM_006789) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	APOBEC2 MS Standard C13 and N15-labeled recombinant protein (NP_006780)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208399
Predicted MW:	25.5 kDa
Protein Sequence:	>RC208399 representing NM_006789 Red=Cloning site Green=Tags(s) MAQKEEA AVATEAASQNGEDLENLDDPEK LKELIELPPFEIVTGERLPANFFKFQFRNVEYSSGRNKTF L CYVVEAQGGKGGVQASRGYLEDEHAAAHAEEAFFNTILPAFDPALRYNVTWYVSSSPCAACADRIIKT L S KTKNLRLLILVGRLFMWEEPEIQ AALKK LKEAGCKLRIMKPQDFEYVWQNFVEQE EGESKAFQPWEDIQE NFLYYEEKLADILK TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:	<u>NP_006780</u>
RefSeq Size:	1195
RefSeq ORF:	672
Synonyms:	ARCD1; ARP1
Locus ID:	10930
UniProt ID:	<u>Q9Y235</u>

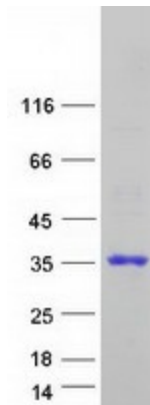


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Cytogenetics: 6p21.1

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]).