

Product datasheet for PH303971

APOBEC3C (NM_014508) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	APOBEC3C MS Standard C13 and N15-labeled recombinant protein (NP_055323)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203971
Predicted MW:	22.8 kDa
Protein Sequence:	>RC203971 protein sequence Red=Cloning site Green=Tags(s) MNPQIRNPMKAMYPGTFYFQFKNLWEANDRDETWLCFTVEGIKRRSVVSWKTGVFRNQVDSETHCHAERC FLSWFCDDILSPNTKYQVTWYTSWSPCPDCAGEVAEFLARHSNVNLTIFTARLYYFYPCYQEGLRSLSQ EGVAVEIMDYEDFKYCWENFVYNDNEPFKPKWGLKTNFRLLKRRLRESLQ 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_055323
RefSeq Size:	1127
RefSeq ORF:	570
Synonyms:	A3C; APOBEC1L; ARDC2; ARDC4; ARP5; bK150C2.3; PBI
Locus ID:	27350
UniProt ID:	Q9NRW3

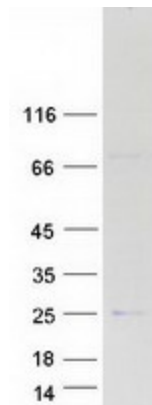


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Cytogenetics: 22q13.1

Summary: This gene is a member of the cytidine deaminase gene family. It is one of seven related genes or pseudogenes found in a cluster thought to result from gene duplication, on chromosome 22. Members of the cluster encode proteins that are structurally and functionally related to the C to U RNA-editing cytidine deaminase APOBEC1. It is thought that the proteins may be RNA editing enzymes and have roles in growth or cell cycle control. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified APOBEC3C protein (Cat# [TP303971]). The protein was produced from HEK293T cells transfected with APOBEC3C cDNA clone (Cat# [RC203971]) using MegaTran 2.0 (Cat# [TT210002]).