

Product datasheet for **TP303971L**

APOBEC3C (NM_014508) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3C (APOBEC3C), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203971 protein sequence Red =Cloning site Green =Tags(s)

MNPQIRNPMKAMYPGTFYFQFKNLWEANDRDETWLCFTVEGIKRRSWSWKTVGFRNQVDSETHCHAERC
FLSWFCDDILSPNTKYQVTWYTSWSPDCAGEVAEFLARHSNVNLTIFTARLYYFQYPCYQEGRLRSLSQ
EGVAVEIMDYEDFKYCWENFVYNDNEPFKPKWGLKTNFRLLKRRLRESLQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	22.6 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_055323
Locus ID:	27350
UniProt ID:	Q9NRW3



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RefSeq Size: 1127

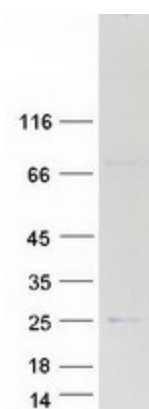
Cytogenetics: 22q13.1

RefSeq ORF: 570

Synonyms: A3C; APOBEC1L; ARDC2; ARDC4; ARP5; bK150C2.3; PBI

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]).