

Product datasheet for PH307845

APOBEC3F (NM_145298) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	APOBEC3F MS Standard C13 and N15-labeled recombinant protein (NP_660341)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207845
Predicted MW:	45.1 kDa
Protein Sequence:	>RC207845 protein sequence Red=Cloning site Green=Tags(s)
	MKPHFRNTVERMYRDTFSYNFYNRPILSRRNTVWLCYEVKTKGSPRRLDAKIFRGQVYSQPEHHAEMCF LSWFCGNQLPAYKCFQITWFVSWTPCPCVAKLAEFLSEHPNVTLTISAARLYYYWERDYRRALCRLSQA GARVKIMDDEEFAYCWENFVYSEGQPFMPWYKFDNYAFLHRTLKEILRNPMEAMYPHIFYFHKNLRKA YGRNESWLCTMEVVKHHSPISWKRGVFRNQVDPETHCHAERCFLSWFCDDILSPNTNYEVTWYTSWSPC PECAGEVAEFLARHSNVLTIPTARLYYFWDTDYQEGLRSLSQEGASVEIMGYKDFKYCWENFVYNDDEP FKPWKGLKYNFLFLDSDLQEQILE
	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- 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_660341
RefSeq Size:	4706
RefSeq ORF:	1119
Synonyms:	A3F; ARP8; BK150C2.4.MRNA; KA6
Locus ID:	200316



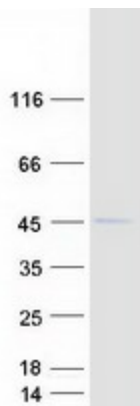
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UniProt ID: [Q8IUX4](#)

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. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified APOBEC3F protein (Cat# [TP307845]). The protein was produced from HEK293T cells transfected with APOBEC3F cDNA clone (Cat# [RC207845]) using MegaTran 2.0 (Cat# [TT210002]).