

Product datasheet for **TP308643**

APOL3 (NM_145639) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human apolipoprotein L, 3 (APOL3), transcript variant alpha/c, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208643 protein sequence Red =Cloning site Green =Tags(s)

MDSEKKRFTEEATKYFRERVSPVHLQILLTNNEAWKRFVTAELPRDEADALYEALKKLRTYAAIEDEYV
QQKDEQFREWFLKEFPQVKRKIQESIEKLRLANGIEEVHRGCTISNVSSSTGAASGIMSLAGLVLAPF
TAGTSLALTAAGVGLGAASAVTGITTSIVEHSYTSSAEAEASRLTATSIDRLKFKEVMRDITPNLLSLL
NNYYEATQTIGSEIRAIRQARARARLPVTTWRISAGSGGQAERTIAGTTTRAVSRGARILSATTSGIFLAL
DVNLVYESKHLHEGAKSASAEELRRQAQELEENLMELTQIYQRLNPCHTH

TRTRPLE**QKLISEEDLAANDILDYKDDDDKV**

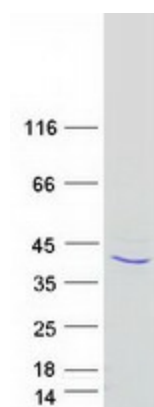
Tag:	C-Myc/DDK
Predicted MW:	36.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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:	<u>NP_663614</u>
Locus ID:	80833



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UniProt ID:	<u>O95236</u>
RefSeq Size:	2215
Cytogenetics:	22q12.3
RefSeq ORF:	993
Synonyms:	apoL-III; APOLIII; CG12_1; CG121
Summary:	This gene is a member of the apolipoprotein L gene family, and it is present in a cluster with other family members on chromosome 22. The encoded protein is found in the cytoplasm, where it may affect the movement of lipids, including cholesterol, and/or allow the binding of lipids to organelles. In addition, expression of this gene is up-regulated by tumor necrosis factor-alpha in endothelial cells lining the normal and atherosclerotic iliac artery and aorta. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2015]

Product images:



Coomassie blue staining of purified APOL3 protein (Cat# TP308643). The protein was produced from HEK293T cells transfected with APOL3 cDNA clone (Cat# [RC208643]) using MegaTran 2.0 (Cat# [TT210002]).