

Recombinant Full Length Human APOL3 Protein, C-Flag-tagged

Cat. No. APOL3-1778HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human APOL3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	36.4 kDa
AA Sequence	MDSEKKRFTEEATKYFRERVSPVHLQILLTNNEAWKRFTAAELPRDEADALYEALK KLRTYAAIEDEYV QQKDEQFREWFLKEFPQVKRKIQESIEKLRALANGIEEVHRGCTI SNVVSSSTGAASGIMSLAGLVLAPF TAGTSLALTAAGVGLGAASAVTGITTSIVEHSY TSSAEAEASRLTATSIDRLKVFKEVMRDITPNLLSLL NNYEATQTIGSEIRAIRQARA RARLPVTTWRISAGSGGQAERTIAGTTTRAVSRGARILSATTSGIFLAL DVVNLVYESK

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	HLHEGAKSASAEELRRQAQEELENLMELTQIYQRLNPCHTH TRTRPLEQKLISEEDL AANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	APOL3 apolipoprotein L3 [Homo sapiens (human)]
Official Symbol	APOL3
Synonyms	CG121; CG12_1; APOLIII; apoL-III
Gene ID	80833
mRNA Refseq	NM_145641.3
Protein Refseq	NP_663616.1

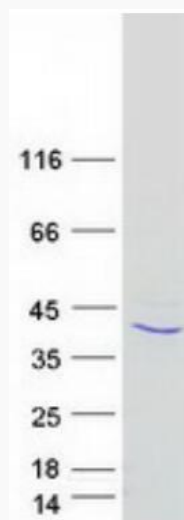
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MIM 607253

UniProt ID O95236



Coomassie blue staining of purified APOL3 protein.

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