

Recombinant Human APOL3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. APOL3-472H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	APOL3 MS Standard C13 and N15-labeled recombinant protein (NP_663614) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	36.5 kDa
AA Sequence	MDSEKKRFTEEATKYFRERVSPVHLQILLTNNEAWKRFVTAELPRDEADALYEALK KLRTYAAIEDEYVQQKDEQFREWFLEFPQVKRKIQESIEKLRLANGIEEVHRGCTI SNVSSSTGAASGIMSLAGLVLPFTAGTSLALTAAGVGLGAASAVTGITTSIVEHSY TSSAEAEASRLTATSIDRLKVFKEVMRDITPNLLSLLNNYYEATQTIGSEIRAIRQARA RARLPVTTWRISAGSGGQAERTIAGTTRAVSRGARILSATTSGIFLALDVVNLVYESK HLHEGAKSASAEELRRQAQEELENLMELTQIYQRLNPCHTHTRTRPLEQKLISEEDL

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	APOL3 apolipoprotein L3 [Homo sapiens (human)]
Official Symbol	APOL3
Synonyms	APOL3; apolipoprotein L, 3; apolipoprotein L3; APOLIII; CG12 1; CG12_1; apoL-III; apolipoprotein L-III; TNF-inducible protein CG12-1; CG121;
Gene ID	80833
mRNA Refseq	NM_145639
Protein Refseq	NP_663614
MIM	607253
UniProt ID	O95236

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