

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

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

## SPECIFICATION

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

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

AANDILDYKDDDDKV

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

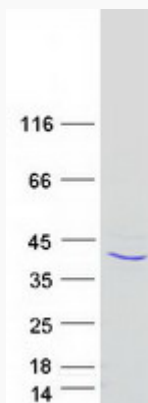
## GENE INFORMATION

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

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**SDS-PAGE**

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