

Recombinant Full Length Human APOL3 Protein, GST-tagged

Cat. No. APOL3-1332HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human APOL3 full-length ORF (NP_055164.1, 1 a.a. - 331 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	331 amino acids
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. [provided by RefSeq, Mar 2015]
Molecular Mass	62.9 kDa
AA Sequence	MDSEKKRFTE EATKYFRERV SPVHLQILLT NNEAWKRFVT AAELPRDEAD ALYEALKKLR TYAAIEDEYV QQKDEQFREW FLKEFPQVKR KIQESIEKLR ALANGIEEVH RGCTISNVVS SSTGAASGIM SLAGLVLPF TAGTSLALTA AGVGLGAASA VTGITSIVE HSYTSSAEAE ASRLTATSID RLKVFKEVMR DITPNLLSLL NNYEATQTI GSEIRAIRQA RARARLPVTT WRISAGSGGQ AERTIAGTTR AVSRGARILS ATTSGIFLAL DVVNLVYESK HLHEGAKSAS

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

AEELRRQAE LEENLMELTQ IYQRLNPCHT H

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

APOL3 apolipoprotein L, 3 [Homo sapiens]

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_145640

Protein Refseq

NP_663615

MIM

607253

UniProt ID

O95236

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