

## Recombinant Human APOL4, His-tagged

Cat. No. APOL4-15908H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human APOL4 protein, fused to His tag at N-terminus, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-348aa
<b>Description</b>	APOL4 is a member of the apolipoprotein L family and may play a role in lipid exchange and transport throughout the body, as well as in reverse cholesterol transport from peripheral cells to the liver. Two transcript variants encoding two different isoforms have been found for this gene.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
<b>Molecular Mass</b>	41.1 kDa (371aa)
<b>AA Sequence</b>	<p>MGSSHHHHHH SSGLVPRGSH MGSMGSWVQL ITSVG VQQNH PGWTVAGQFQ  EKKRFTEEVI EYFQKKVSPV HLLKLLTSDE AWKRFVRVAE LPREEADALY  EALKNLTPYV AIEDKDMQKQK EQQFREWFLK EFPQIRWKIQ ESIERLRVIA  NEIEKVHRGC VIANVVSGST GILSVIGVML APFTAGLSLS ITAAGVGLGI  ASATAGIASS IVENTYTRSA ELTASRLTAT STDQLEALRD ILRDITPNVL  SFALDFDEAT KMIANDVHTL RRSKATVGRP LIAWRYVPIN VVETLRTRGA  PTRIVRKVAR NLGKATSGVL VVLDVVNLVQ DSLDLHKGAK SESAESLRQW</p>

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AQELEENLNE LTHIHQSLKA G

**Purity** >85% by SDS - PAGE

**Applications** SDS-PAGE

**Storage** Can be stored at 4°C short term. For long term storage, aliquot and store at at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

**Concentration** 0.25 mg/ml (determined by Bradford assay)

## GENE INFORMATION

**Gene Name** [APOL4 apolipoprotein L, 4 \[ Homo sapiens \]](#)

**Official Symbol** APOL4

**Synonyms** APOL4; apolipoprotein L, 4; apolipoprotein L4; APOLIV; apolipoprotein L-IV; APOL-IV;

**Gene ID** [80832](#)

**mRNA Refseq** [NM\\_030643](#)

**Protein Refseq** [NP\\_085146](#)

**MIM** [607254](#)

**UniProt ID** [Q9BPW4](#)

**Chromosome Location** 22q11.2-q13.2

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**Function**

lipid binding; molecular\_function;

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