

Recombinant Human APOL4, His-tagged

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

SPECIFICATION

Product Overview	Recombinant human APOL4 protein, fused to His tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-348aa
Description	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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Molecular Mass	41.1 kDa (371aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMGSWVQL ITSVG VQQNH PGWTVAGQFQ EKKRFTEEEI EYFQKKVSPV HLKILLTSDE 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

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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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