Recombinant human Apolipoprotein L4/APOL4 protein

Catalog Number: ATGP2264

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-348aa

UniProt No.
Q9BPW4

NCBI Accession No.
NP_085146

Alternative Names
Apolipoprotein L4, APOL-IV, APOLIV

PRODUCT SPECIFICATION

Molecular Weight
41.1 kDa (371aa)

Concentration
0.25mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M urea

Purity
> 85% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE, Denatured

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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. Recombinant human APOL4 protein, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence
MGSSHHHHHH SSGLVPRGSH MGSMGSWVQL ITSVGVQQNH PGWTVAGQFQ EKKRFTEEVI EYFQKKVSPV HLKILLTSDE

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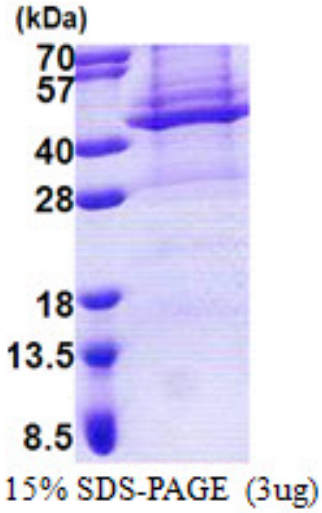
AWKRFVRVAE LPREEADALY EALKNLTPYV AIEDKDMQQK EQQFREWFLK EFPQIRWKIQ ESIERLRVIA NEIEKVHRGC VIANVVSGST GILSVIGVML APFTAGLSLS ITAAGVGLGI ASATAGIASS IVENTYTRSA ELTASRLTAT STDQLEALRD ILRDITPNVL SFALDFDEAT KMIANDVHTL RRSKATVGRP LIAWRYVPIN VVETLRTRGA PTRIVRKVAR NLGKATSGVL VVLDVVNLVQ DSLDLHKGAK SESAESLRQW AQELEENLNE LTHIHQSLKA G

General References

Duchateau P.N., et al. (2001). J. Lipid Res. 42:620-630

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.