

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 SGLVPRGSH MGSMGSWVQL ITSVG VQQNH PGWTVAGQFQ EK KRFTEEVI EYFQKKVSPV H LKILLTSDE

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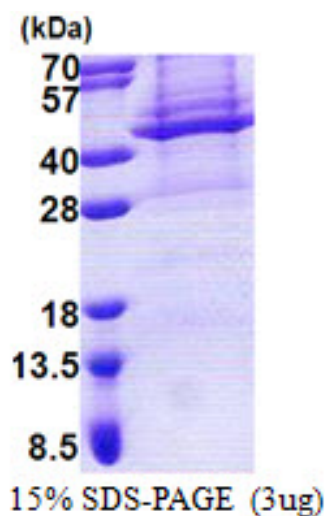
AWKRFVRAE LPREEADALY EALKNLTPYV AIEDKDMQOK EQQFREWFLK EFPQIRWKIQ ESIERLRVIA NEIEKVHRGC
VIANVVGST GILSVIGVML APFTAGLSLS ITAAGVGLGI ASATAGIASS IVENTYTRSA ELTASRLTAT STDQLEALRD
ILRDITPNVL SFALDFDEAT KMIANDVHTL RRSKATVGRP LIAWRYVPIN VVETLRTRGA PTRIVRKVAR NLGKATSGVL
VLDVVNLVQ DSLDLHKGAK SESAESLRQW AQELEENLNE 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.