

Apolipoprotein L 4 Recombinant Protein | APOL4 recombinant protein

Recombinant Human Apolipoprotein L 4

CATALOG #
AAA39056

PRODUCT SYNONYMS

Apolipoprotein L 4; Recombinant Human Apolipoprotein L 4; APOL-IV; APOLIV; Apolipoprotein L4; ApoL-IV.; APOL4 recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	Greater than 85.0% as determined by SDS-PAGE.
Form/Format	APOH protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 10% glycerol and 0.4M Urea.
Concentration	0.25mg/ml (varies by lot)
Sequence	<u>MGSSHHH HHHSSGLVPR GSHMGS</u> MGSWWQLITS VGVQQNHHPGW TVAGQFQEKK RFTEEVIEYF QKKVSPVHLK ILLTSDEAWK RFVRVAELPR EEADALYEAL KNLTPYVAIE DKDMQQKEQQ FREWFLKEFP QIRWKIQESI ERLRVIANEI EKVHRGCVIA NVVSGSTGIL SVIGVMLAPF TAGLSLSITA AGVGLGASA TAGIASSIVE NTYTRSAELT ASRLTATSTD QLEALRDILR DITPNVLSFA LDFDEATKMI ANDVHTLRRS KATVGRPLIA WRYVPINVVE TLRTRGAPTR IVRKVARNLG KATSGVLVVL DVVNLVQDSL DLHKGAKSES AESLRQWAQE LEENLNELTH IHQSLKAG
Sequence Length	348
Source	Escherichia Coli
Physical Appearance	Sterile filtered colorless solution.
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for APOL4 recombinant protein	Description: APOH Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 371 amino acids (1-348 a.a.) and having a molecular mass of 41.1kDa. APOH is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Introduction: Apolipoprotein L 4 (APOL4) belongs to the apolipoprotein L family. APOL4 plays a role in lipid exchange and transport through the body, in addition to reverse cholesterol transport from peripheral cells to the liver. Two transcript variants encoding two different isoforms have been found for this gene. APOL4 is highly expressed in spinal cord, placenta, adrenal gland; also detected in spleen, bone marrow, uterus, trachea, mammary gland and testis
Product Categories/Family for APOL4 recombinant protein	Cytokines and Growth Factors; Cytokines; Apolipoprotein

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923626
NCBI GeneID	80832
NCBI Accession #	NP_085146.2
NCBI GenBank Nucleotide #	NM_030643.4

UniProt Accession #	Q9BPW4 ; Q9BQ37 ; Q9BXQ8
Molecular Weight	38,619 Da
NCBI Official Full Name	apolipoprotein L4 isoform 1
NCBI Official Synonym Full Names	apolipoprotein L, 4
NCBI Official Symbol	APOL4
NCBI Official Synonym Symbols	APOLIV; APOL-IV
NCBI Protein Information	apolipoprotein L4; apolipoprotein L-IV
UniProt Protein Name	Apolipoprotein L4
UniProt Gene Name	APOL4
UniProt Synonym Gene Names	ApoL-IV
UniProt Entry Name	APOL4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/apol4-recombinant-protein/39056>