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**Product Data Sheet**


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Product Name: APOL4 Human  
 Cat. No.: GP20066  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	APOL-IV; APOLIV; Apolipoprotein L4; ApoL-IV.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMGSWVQL ITSVG VQQNH PGWTVAGQFQ EKKRFTEEVI EYFQKKVSPV HLKILLTSDE AWKRFV RVAE LPREEADALY EALKNLTPYV AIEDKDMQQK 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.		
Formulation	APOH protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 10% glycerol and 0.4M Urea.		

**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

**Stability**

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.

**Background**

**Caution: Product has not been fully validated for medical applications. For research use only.**

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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.

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