

Product datasheet for TP322222

APOA4 (NM_000482) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human apolipoprotein A-IV (APOA4), 20 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC222222 protein sequence
Red=Cloning site Green=Tags(s)

MFLKAVLTLALVAVAGARAEVSADQVATVMWDYFSQLSNNAKEAVEHLQKSELTTQQNLALFQDKLGEVN
TYAGDLQKKLVFATELHERLAKDSEKLKEEIGKELEELRARLLPHANEVSQKIGDNLRELQQRLEPYAD
QLRTQVNTQAEQLRRQLTPYAQRMERVLRENADSLQASLRPHADELKAKIDQNVEELKGRLLPYADEFKV
KIDQTV EELRRSLAPYAQDTQEKLNHQLEGLTFQMKKNAEELKARISASAEELRQLAPLAEDVRGNLRG
NTEGLQKSLAELGGHLDQQVEEFRRRVEPYGENFNKALVQQMEQLRQKLGPHAGDVEGHLSFLEKDLRDK
VNSFFSTFKEKESQDKTSLPELEQQEQEQEQEQEQEQVQMLAPLES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 43.3 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_000473](#)

Locus ID: 337



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UniProt ID: [P06727](#)

RefSeq Size: 1460

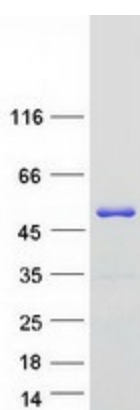
Cytogenetics: 11q23.3

RefSeq ORF: 1188

Summary: Apolipoprotein (apo) A-IV gene contains 3 exons separated by two introns. A sequence polymorphism has been identified in the 3'UTR of the third exon. The primary translation product is a 396-residue preprotein which after proteolytic processing is secreted its primary site of synthesis, the intestine, in association with chylomicron particles. Although its precise function is not known, apo A-IV is a potent activator of lecithin-cholesterol acyltransferase in vitro. [provided by RefSeq, Jul 2008]

Protein Families: Secreted Protein

Product images:



Coomassie blue staining of purified APOA4 protein (Cat# TP322222). The protein was produced from HEK293T cells transfected with APOA4 cDNA clone (Cat# [RC222222]) using MegaTran 2.0 (Cat# [TT210002]).