

## Product datasheet for TP322222L

### APOA4 (NM\_000482) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human apolipoprotein A-IV (APOA4), 1 mg

**Species:** Human

**Expression Host:** HEK293T

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

MFLKAVLTLALVAVAGARAEVSADQVATVMWDYFSQLSNNAKEAVEHLQKSELTQQNLALFQDKLGEVN  
TYAGDLQKKLVPFATELHERLAKDSEKLKEEIGKELEELRARLLPHANEVSQKIGDNLRELQQRLEPYAD  
QLRTQVNTQAEQLRRQLTPYAQRMERVLRENADSLQASLRPHADELKAKIDQNVEELKGRLLTPYADEFKV  
KIDQTV EELRRSLAPYAQDTQEKLNHQLEGLTFQMKKNAEELKARISASAEELRQLAPLAEDVRGNLRG  
NTEGLQKSLAELGGHLDQQVEEFRRRVEPYGENFNKALVQQMEQLRQKLGPHAGDVEGHLSFLEKDLRDK  
VNSFFSTFKEKESQDKTSLPELEQQQEQQQEQQQEQQEQVQMLAPLES

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**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

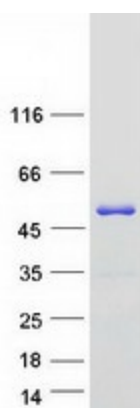
Cytogenetics: 11q23.3

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]).