

## Product datasheet for **TP300503M**

### Apolipoprotein D (APOD) (NM\_001647) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human apolipoprotein D (APOD), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200503 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MVMLLLLLSALAGLFGAAEGQAFHLGKCPNPPVQENFDVNKYLGRWYEIEKIPTTFENGRCIQANYSLME NGKIKVLNQELRADGTVNQIEGEATPVNLTEPAKLEVKFSWFMPSPAPYWILATDYENYALVYSCTCIIQL FHVDFAWILARNPNLPPETVDSLKNILTSNNIDVKKMTVTDQVNCPKLS
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	21.1 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:	<a href="#">NP_001638</a>
Locus ID:	347
UniProt ID:	<a href="#">P05090</a>
RefSeq Size:	1148



[View online »](#)

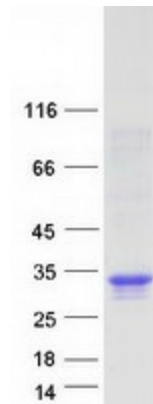
Cytogenetics: 3q29

RefSeq ORF: 567

**Summary:** This gene encodes a component of high density lipoprotein that has no marked similarity to other apolipoprotein sequences. It has a high degree of homology to plasma retinol-binding protein and other members of the alpha 2 microglobulin protein superfamily of carrier proteins, also known as lipocalins. This glycoprotein is closely associated with the enzyme lecithin:cholesterol acyltransferase - an enzyme involved in lipoprotein metabolism. [provided by RefSeq, Aug 2008]

**Protein Families:** Secreted Protein

### Product images:



Coomassie blue staining of purified APOD protein (Cat# [TP300503]). The protein was produced from HEK293T cells transfected with APOD cDNA clone (Cat# [RC200503]) using MegaTran 2.0 (Cat# [TT210002]).