

Product datasheet for **TP721104M**

Apolipoprotein A II (APOA2) (NM_001643) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human apolipoprotein A-II (APOA2)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Gln24-Gln100
Tag:	C-His
Predicted MW:	9.74 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Bioactivity:	Surface Plasmon Resonance (SPR) (PMID: 27514935)
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH ₂ O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_001634
Locus ID:	336
UniProt ID:	P02652
RefSeq Size:	473
Cytogenetics:	1q23.3
RefSeq ORF:	300
Synonyms:	Apo-AII; ApoA-II; apoAII



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- Summary:** This gene encodes apolipoprotein (apo-) A-II, which is the second most abundant protein of the high density lipoprotein particles. The protein is found in plasma as a monomer, homodimer, or heterodimer with apolipoprotein D. Defects in this gene may result in apolipoprotein A-II deficiency or hypercholesterolemia. [provided by RefSeq, Jul 2008]
- Protein Families:** Druggable Genome, Secreted Protein
- Protein Pathways:** PPAR signaling pathway