

Active Recombinant Human ApoD

Cat. No. ApoD-8447H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant human Apo-D expressed from E.Coli is a single, non-glycosylated, Polypeptide chain containing 174 amino acids and having a molecular mass of 19.8 kDa.
Species	Human
Source	E.coli
Description	Apolipoprotein-D (Apo-D) is mainly associated with high density lipoproteins in human plasma. It is expressed in numerous tissues having high levels of expression in spleen, testes and brain. Apo-D is a multi-ligand, multi-functional transporter and transports a ligand from 1 cell to another within an organ, scavenge a ligand within an organ for transport to the blood or could transport a ligand from the circulation to specific cells within a tissue.
Form	Lyophilized from 1 mg/ml in 4 mM KH ₂ PO ₄ , 16 mM Na ₂ HPO ₄ and 115 mM NaCl pH7.5.
Bio-activity	N/A
Molecular Mass	19.8 kDa
Endotoxin	<0.1>
Purity	≥95% by SDS - PAGE; ≥95% by HPLC

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	The lyophilized human Apo-D is best-stored desiccated below 0°C. Reconstituted Apo-D should be stored in working aliquots at -20°C.
Reconstitution	Reconstitute in dH ₂ O to a working volume of 0.5 mg/ml and let the lyophilized pellet dissolve completely. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use
Shipping	Gel pack

GENE INFORMATION

Gene Name	APOD apolipoprotein D [Homo sapiens]
Official Symbol	ApoD
Synonyms	APOD; apolipoprotein D; apo-D;
Gene ID	347
mRNA Refseq	NM_001647
Protein Refseq	NP_001638
MIM	107740
UniProt ID	P05090
Chromosome Location	3q26.2-qter
Function	cholesterol binding; lipid binding; lipid transporter activity; protein binding; transporter activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA