

**Apo-D, human recombinant protein**  
**Apolipoprotein D, Apo-D, ApoD**  
**Catalog # PBV10224r****Specification**

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**Apo-D, human recombinant protein - Product info**

Primary Accession [P05089](#)  
Calculated MW **19.8 kDa KDa**

**Apo-D, human recombinant protein - Additional Info**

Gene ID **347**  
Gene Symbol **Apo-D**  
**Other Names**  
Apolipoprotein D, Apo-D, ApoD, Apolipoprotein, apolipoproteins,  
  
Gene Source **Human**  
Source **E. coli**  
Assay&Purity **SDS-PAGE; ≥95%**  
Assay2&Purity2 **HPLC; ≥95%**  
Recombinant **Yes**  
**Target/Specificity**  
ApoD

**Application Notes**

Reconstitute in dH<sub>2</sub>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.

**Format**

Lyophilized protein

**Storage**

-20°C; Lyophilized from 1 mg/ml in 4 mM KH<sub>2</sub>PO<sub>4</sub>, 16 mM Na<sub>2</sub>HPO<sub>4</sub> and 115 mM NaCl pH7.5.

**Apo-D, human recombinant protein - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Apo-D, human recombinant protein - Images**

**Apo-D, human recombinant protein - Background**

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. 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.

**Apo-D, human recombinant protein - References**

Haraguchi Y.,et al.Proc. Natl. Acad. Sci. U.S.A. 84:412-415(1987).  
Takiguchi M.,et al.Nucleic Acids Res. 16:8789-8802(1988).  
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