

Datasheet for ABIN7318172

Apolipoprotein D Protein (APOD) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	Apolipoprotein D (APOD)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Apolipoprotein D protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Apolipoprotein D/ApoD Protein (His Tag)
Sequence:	Glu21-Ser189
Characteristics:	Recombinant Human Apolipoprotein D is produced by our Mammalian expression system and the target gene encoding Glu21-Ser189 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Apolipoprotein D (APOD)
Alternative Name:	Apolipoprotein D (APOD Products)
Background:	Background: Apolipoprotein-D (ApoD) is an atypical apolipoprotein and, based on its primary structure, it also a member of the lipocalin family. ApoD is mainly associated with high density lipoproteins in human plasma. ApoD is expressed in numerous tissues having high levels of

Target Details

expression in spleen, testes and brain. ApoD plays a role in maintenance and repair within the central and peripheral nervous systems. ApoD occurs in the macromolecular complex with lecithin-cholesterol acyltransferase. It is a multi-ligand, multi-functional transporter and transports a ligand from 1 cell to another. ApoD is probably involved in the transport and binding of bilin, it appears to be able to transport a variety of ligands in a number of different contexts.

Synonym: Apolipoprotein D, Apo-D, ApoD, APOD

Molecular Weight: 20.3 kDa

UniProt: [P05090](#)

Pathways: [Platelet-derived growth Factor Receptor Signaling](#)

Application Details

Comment: 28 kDa

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.