

## 32-7506: Recombinant Human Apolipoprotein D/ApoD (C-6His)(Discontinued)

**Gene :** APOD  
**Gene ID :** 347  
**Uniprot ID :** P05090

### Description

Source: Human Cells.  
MW :20.34kD.

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. 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 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** QAFHLGKCPNPPVQENFDVVKYLGRWYEIEKIPTTFENGRCIQANYSLMENGGKIKVLNQLRADGTVNQIEGEA  
TPVNLTEPAKLEVKFSWFMPSPYWILATDYENYALVYSCTCIIQLFHVDFAWILARNPNLPPETVDSLKNILTSN  
NIDVKKMTVTDQVNCPKLSVDHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.