

## Product datasheet

# Recombinant Human Apo-D protein ab184598

1 Image

### Description

<b>Product name</b>	Recombinant Human Apo-D protein	
<b>Purity</b>	> 95 % SDS-PAGE. Filtered (0.4µm)	
<b>Endotoxin level</b>	< 1.000 Eu/µg	
<b>Expression system</b>	HEK 293 cells	
<b>Accession</b>	<b><u>P05090</u></b>	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	QAFHLGKCPN PPVQENFDVN KYLGRWYEIE KIPTTFENGR CIQANYSLME NGKIKVLNQE LRADGTVNQI EGEATPVNLT EPAKLEVKFS WFMPSPAPYWI LATDYENYAL VYSCTCIQL FHVDFAWILA RNPNLPPETV DSLKNILTSN NIDVKKMTVT DQVNCPKLSH HHHHH	
<b>Predicted molecular weight</b>	20 kDa including tags	
<b>Amino acids</b>	21 to 189	
<b>Tags</b>	His tag C-Terminus	

### Specifications

Our **Abpromise guarantee** covers the use of **ab184598** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	Western blot ELISA Functional Studies Mass Spectrometry SDS-PAGE
<b>Mass spectrometry</b>	LC-MS/MS
<b>Form</b>	Lyophilized

**Additional notes**

Previously labelled as Apolipoprotein D.

**Preparation and Storage****Stability and Storage**

Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.

pH: 7.40

Constituents: 99% Phosphate Buffer, 0.43% Sodium chloride

**Reconstitution**

Add 200 µl of deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Filter sterilize your culture media/working solutions containing this non-sterile product before using in cell culture.

**General Info****Function**

APOD occurs in the macromolecular complex with lecithin-cholesterol acyltransferase. It is probably involved in the transport and binding of bilin. Appears to be able to transport a variety of ligands in a number of different contexts.

**Tissue specificity**

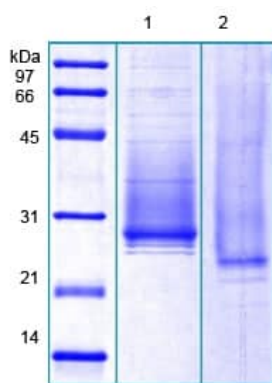
Expressed in liver, intestine, pancreas, kidney, placenta, adrenal, spleen, fetal brain tissue and tears.

**Sequence similarities**

Belongs to the calycin superfamily. Lipocalin family.

**Cellular localization**

Secreted.

**Images**

SDS PAGE of ab184598 on 12% SDS PAGE gel showing 1. Reduced and boiled sample 2. Non-reduced and non-boiled sample. 2.5 µg per lane.

SDS-PAGE - Recombinant Human Apo-D protein  
(ab184598)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- We provide support in Chinese, English, French, German, Japanese and Spanish
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