

Datasheet for ABIN7317207

**APLP1 Protein (AA 1-580) (His tag)**[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	APLP1
Protein Characteristics:	AA 1-580
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This APLP1 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Human APLP-1 Protein (aa 1-580, His Tag)
Sequence:	Met 1-Glu580
Characteristics:	A DNA sequence encoding the human APLP1 (P51693-1) (Met1-Glu580) was expressed with a polyhistidine 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:	APLP1
Alternative Name:	APLP-1 ( <a href="#">APLP1 Products</a> )
Background:	Background: APLP1, also known as amyloid-like protein 1, is a member of the highly conserved

## Target Details

amyloid precursor protein gene family. APLP1 is a membrane-associated glycoprotein that is cleaved by secretases in a manner similar to amyloid beta A4 precursor protein cleavage. APLP1, together with APLP2, are important modulators of glucose. APLP1 may also play a role in synaptic maturation during cortical development. Alternatively spliced transcript variants encoding different isoforms have been described. APLP1 also is a mammalian homologue of amyloid precursor protein (APP). APP is a type I membrane protein that is genetically linked to Alzheimer's disease.

Synonym: Amyloid-like protein 1, APLP, APLP-1, C30, APLP1

Molecular Weight:	61.9 kDa
Pathways:	<a href="#">cAMP Metabolic Process</a>

## Application Details

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, PH 7.4
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.