

[Go to Product page](#)

Datasheet for ABIN7319700

APLP1 Protein (AA 42-212) (His tag)

Overview

Quantity:	50 µg
Target:	APLP1
Protein Characteristics:	AA 42-212
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This APLP1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human APLP-1 Protein (aa 42-212, His Tag)
Sequence:	Gly42-Pro212
Characteristics:	Recombinant Human APLP-1 is produced by our Mammalian expression system and the target gene encoding Gly42-Pro212 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:	APLP1
Alternative Name:	APLP-1 (APLP1 Products)
Background:	Background: Amyloid-like protein 1 (APLP-1) is a member of the highly conserved amyloid

Target Details

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, and is genetically linked to Alzheimer's disease.

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

Molecular Weight: 19.8 kDa

UniProt: [P51693](#)

Pathways: [cAMP Metabolic Process](#)

Application Details

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 PBS, 1 mM EDTA, 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.