

## 32-8962: Recombinant Human Amyloid-like Protein 1/APLP-1 (C-6His)

**Gene :** APLP1  
**Gene ID :** 333  
**Uniprot ID :** P51693

### Description

Source: Human Cells.  
MW :19.8kD.

Recombinant Human Amyloid-like Protein 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. Amyloid-like protein 1 (APLP-1) is a member of the highly conserved 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, and is genetically linked to Alzheimer's disease.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of PBS, 1mM EDTA, pH7.4.  
**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 :** GGSPGAAEAPGSAQVAGLCGRLLHRLDRTGRWEPDPQRSRRCLRDPQRVLEYCRQMPYELQIARVEQATQA  
IPMERWCGGSRSGSCAHPHHQVVPFRCLPGEFVSEALLVPEGCRFLHQERMDQCESSTRRHQEAQACSSQ  
GLILHGSGMLLPCGSDRFRGVEYVCCPPHHHHHH

### Application Note

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