

## Recombinant Human APLP-1

Catalog No: CS81

<b>Description</b>	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.
<b>Source</b>	Human Cells
<b>Alternative name</b>	Amyloid-like protein 1; APLP; APLP-1; C30; APLP1
<b>Accession No.</b>	P51693
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of PBS, 1mM EDTA, pH7.4.
<b>Quality Control</b>	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Storage</b>	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.
<b>Amino Acid Sequence</b>	GGSPGAAEAPGSAQVAGLCGRLTLHRDLRTGRWEPDPQRSRRCLRDPQRVLEYCRQMYPELQIARV EQATQAIPMERWCGGSRSGSCAHPHHQVVPFRCLPGEFVSEALLVPEGCRFLHQERMDQCESSTRR HQEAQEACSSQGLILHSGMLLPCGSDRFRGV EYVCCPPHHHHHH
<b>Background</b>	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.

### SDS-Page

