

Recombinant Human APLP-1

Catalog No: CS81

Description 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.

Source Human Cells

Alternative name Amyloid-like protein 1; APLP; APLP-1; C30; APLP1

Accession No. P51693

Formulation Lyophilized from a 0.2 µm filtered solution of PBS, 1mM EDTA, pH7.4.

Quality Control 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.

Shipping The product is shipped at ambient temperature.

Upon receipt, store it immediately at the temperature listed below.

Storage 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.

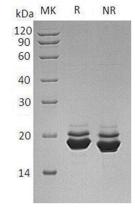
Amino Acid Sequence GGSPGAAEAPGSAQVAGLCGRLTLHRDLRTGRWEPDPQRSRRCLRDPQRVLEYCRQMYPELQIARV EQATQAIPMERWCGGSRSGSCAHPHHQVVPFRCLPGEFVSEALLVPEGCRFLHQERMDQCESSTRR

HQEAQEACSSQGLILHGSGMLLPCGSDRFRGV EYVCCPPHHHHHH

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'sdisease.

Background



SDS-Page

