

Recombinant Human PCLO Protein, His&GST-tagged

Cat. No. PCLO-1924H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PCLO Protein (Ala4610-Lys4935) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala4610-Lys4935
Description	The protein encoded by this gene is part of the presynaptic cytoskeletal matrix, which is involved in establishing active synaptic zones and in synaptic vesicle trafficking. Variations in this gene have been associated with bipolar disorder and major depressive disorder. Two transcript variants encoding different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 65.5 kDa Accurate Molecular Mass: 68 kDa
Purity	> 80%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

PCLO piccolo (presynaptic cytomatrix protein) [Homo sapiens (human)]

Official Symbol

PCLO

Synonyms

PCLO; piccolo (presynaptic cytomatrix protein); protein piccolo; ACZ; aczonin; DKFZp779G1236; KIAA0559;

Gene ID

27445

mRNA Refseq

NM_014510

Protein Refseq

NP_055325

MIM

604918

UniProt ID

Q9Y6V0

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