

Recombinant Human PCLO cell lysate

Cat. No. PCLO-1311HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	Synaptic vesicles dock and fuse in the active zone of the plasma membrane at chemical synapses. The presynaptic cytoskeletal matrix (PCM), which is associated with the active zone and is situated between synaptic vesicles, is thought to be involved in maintaining the neurotransmitter release site in register with the postsynaptic reception apparatus. The cycling of synaptic vesicles is a multistep process involving a number of proteins (see MIM 603215). Among the components of the PCM that orchestrate these events are Bassoon (BSN; MIM 604020), RIM (RBBP8; MIM 604124), Oboe, and Piccolo (PCLO).
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	PCLO piccolo (presynaptic cytomatrix protein) [Homo sapiens]
Official Symbol	PCLO

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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
Chromosome Location	7q11.23-q21.3
Function	calcium ion binding; calcium-dependent phospholipid binding; profilin binding; transporter activity;

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