9051 Mira Mesa Blvd, #910094
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CLNS1A Human

Chloride Channel, Nucleotide-Sensitive, 1A Human Recombinant
RCP0462

Product Overview

Name	CLNS1A Human

Description

Chloride Channel, Nucleotide-Sensitive, 1A Human Recombinant

Accession (Primary)	P54105

Synonyms

CLNS1A, CLCI, ICLN, CLNS1B, Methylosome subunit pICln, Chloride channel, nucleotide sensitive 1A, Chloride conductance regulatory protein ICln, Chloride ion current inducer protein, Reticulocyte pICln.

Introduction

Methylosome subunit pICln (CLNS1A), is a member of the pICln (TC 1.A.47) family. CLNS1A takes part in multiple regulatory pathways. CLNS1A interaction with Sm proteins, inhibits their compilation on U RNA and interferes with snRNP biogenesis. CLNS1A inhibits the binding of survival motor neuron protein (SMN) to Sm proteins. Methylosome subunit pICln is related with the plasma membrane where it functions as a chloride present regulator.

Source

Escherichia Coli.

Physical Appearance

Sterile filtered colorless solution.

Formulation

The CLNS1A solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 2mM DTT.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGSH MSFLKS FPPPGPAEGL LRQQPDTEAV LNGKGLGTGT LYIAESRLSW LDGSGLGFSL EYPTISLHAL SRDRSDCLGE HLYVMVNAKF EEESKEPVAD EEEEDSDDDV EPITEFRFVP SDKSALEAMF TAMCECQALH PDPEDEDSDD YDGEEYDVEA HEQGQGDIPT FYTYEEGLSH LTAEGQATLE RLEGMLSQSV SSQYNMAGVR TEDSIRDYED GMEVDTTPTV AGQFEDADVD H.

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Precautions

CLNS1A Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P54105)