

CLNS1A, 1-237aa, Human, His tag, E.coli

Cat.NO.: TP01648

3th Edition

Synonyms: Methylosome subunit pICln, CLCI, CLNS1B, Icln

Description: CLNS1A, also as known as, Methylosome subunit pICln, belongs to the pICln (TC 1.A.47) family. CLNS1A protein has functions in multiple regulatory pathways. This protein interaction with Sm proteins inhibits their assembly on U RNA and interferes with snRNP biogenesis.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 2mM DTT

Molecular Weight: 28.8kDa (261aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMSFLKSFPPPGPAEGLLRQQPDTEAVLNGKGLGTGTLYIAESRLSWLDGS
GLGFSLEYPTISLHALSRDRSDCLGEHLYVMVNAKFEEESKEPVADEEEEDSDDDVEPITEFRFVPSDKSALEAMFT
AMCECQALHPDPEDEDSDDYDGEEYDVEAHEQQGQDIPTFYTYEEGLSHLTAEGQATLERLEGMLSQSVSSQYN
MAGVRTEDSIRDYEDGMEVDTTPTVAGQFEDADVDH

Purity: > 95% by HPLC

Concentration: 1 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.