



# Recombinant Mouse Methylosome subunit pICln (Clns1a)

<b>Product Code</b>	CSB-EP733776MO
<b>Abbreviation</b>	Clns1a
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q61189
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	SFLKSFPPP GSADGLRLQQ PDTEAVLNGK GLGTGTLYIA ESRLSWLDGS GLGFSLEYPT ISLHAVSRDP NAYPQEHLV MVNAKLGEEES KEPPSDEDEE DNDDIEPISE FRFVPSDKSA LEAMFTAMCE CQALHPDPED EDSDDYDGE YDVEAHEQGQ GDIPTFYTYE EGLSHLTAEG QATLERLEGM LSQSVSSQYN MAGVRTEDSV RNYEDGMEVE TTPTVAGQFE DADVHD
<b>Source</b>	E.coli
<b>Target Names</b>	Clns1a
<b>Protein Names</b>	Recommended name: Methylosome subunit pICln Alternative name(s): Chloride channel, nucleotide sensitive 1A Chloride conductance regulatory protein ICln Short name= I(Cln) Chloride ion current inducer protein Short name= CICI
<b>Expression Region</b>	2-236
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This gene encodes a protein that functions in multiple regulatory pathways. The encoded protein complexes with numerous cytosolic proteins and performs diverse functions including regulation of small nuclear ribonucleoprotein biosynthesis, platelet activation and cytoskeletal organization. The protein is also found associated with the plasma membrane where it functions as a chloride current regulator. Pseudogenes of this gene are found on chromosomes 1, 4 and 6.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

---

**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.