

Recombinant Human CLNS1A, His-tagged

Cat. No. CLNS1A-27276TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 41-237 of Human CLNS1A with N terminal His tag; MWt 39kDa.
Species	Human
Source	E.coli
ProteinLength	41-237 a.a.
Description	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.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 148 µl aqua dest.
Storage buffer	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids
 ESRLSWLDGSGGLGFSLEYPTISLHALSRDRSDCLGEHLYV MVNAKFEEESKEPVAD
 EEEEDSDDDVEPITEFRFRVPSD KSALEAMFTAMCECQALHPDPEDESDDDYDGEE
 YDVEA HEQQGGDIPTFYTYEEGLSHLTAEGQATLERLEGMLSQ SVSSQYNMAGVR
 TEDSIRDYEDGMEVDTTPTVAGQFED ADVDH

Sequence Similarities
 Belongs to the pICln family.

GENE INFORMATION

Gene Name [CLNS1A chloride channel, nucleotide-sensitive, 1A \[Homo sapiens \]](#)

Official Symbol [CLNS1A](#)

Synonyms CLNS1A; chloride channel, nucleotide-sensitive, 1A; CLCI; methylosome subunit pICln; ICln;

Gene ID [1207](#)

mRNA Refseq [NM_001293](#)

Protein Refseq [NP_001284](#)

MIM [602158](#)

Uniprot ID [P54105](#)

Chromosome Location 11q13.5-q14

Pathway Metabolism, organism-specific biosystem; Metabolism of RNA, organism-specific biosystem; Metabolism of non-coding RNA, organism-specific biosystem; RNA

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transport, organism-specific biosystem; RNA transport, conserved biosystem;

Function

protein binding;

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