# Recombinant Human CLNS1A, His-tagged

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

## SPECIFICATION

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| **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: NoneConstituents: 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** | ESRLSWLDGSGLGFSLEYPTISLHALSRDRSDCLGEHLYV MVNAKFEEESKEPVAD EEEEDSDDDVEPITEFRFVPSD KSALEAMFTAMCECQALHPDPEDEDSDDYDGEE YDVEA HEQGQGDIPTFYTYEEGLSHLTAEGQATLERLEGMLSQ SVSSQYNMAGVR TEDSIRDYEDGMEVDTTPTVAGQFED ADVDH |
| **Sequence Similarities** | Belongs to the pICln family. |

## GENE INFORMATION

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| **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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