

Recombinant Human CLNS1A protein, GST-tagged

Cat. No. CLNS1A-3743H **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Recombinant Human CLNS1A protein(1-237 aa), fused to GST tag, was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 1-237 aa |
| Form | The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH. |
| AA Sequence | MSFLKSFPPPGPAEGLLRQQPDTEAVLNGKGLGTGTLYIAESRLSWLDGSGLGFSLE EYPTISLHALSRDRSDCLGEHLYVMVNAKFEEESKEPVADEEEEDSDDDVEPITEFR FVPSDKSALEAMFTAMCECQALHPDPEDESDDDYDGEEYDVEAHEQQGGDIPTFY TYEGLSHLTAEGQATLERLEGMLSQSVSSQYNMAGVRTEDSIRDYEDGMEVDTP TVAGQFEDADVDH |
| Purity | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| Storage | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles. |

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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; i(Cln); reticulocyte pICln; reticulocyte protein ICln; chloride channel regulatory protein; chloride ion current inducer protein; chloride channel, nucleotide sensitive 1A; chloride conductance regulatory protein ICln; CLNS1B;

Gene ID

1207

mRNA Refseq

NM_001293

Protein Refseq

NP_001284

MIM

602158

UniProt ID

P54105

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