

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	MSFLKSFPPPGPAEGLLRQQPDTEAVLNGKGLGTGTLYIAESRLSWLDGSGGLGFSL EYPTISLHALSRDRSDCLGEHLYVMVNAKFEEESKEPVADEEEEDSDDDVEPITEFR FVPSDKSALEAMFTAMCECQALHPDPEDEDSDDYDGEEYDVEAHEQGQGDIPTFY TYEEGLSHLTAEGQATLERLEGMLSQSVSSQYNMAGVRTEDSIRDYEDGMEVDTP 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.
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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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