

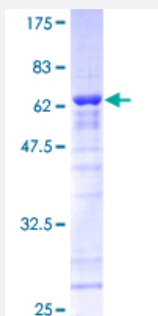
Full-Length

CLNS1A (Human) Recombinant Protein (P01)

Catalog # H00001207-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CLNS1A full-length ORF (NP_001284, 1 a.a. - 237 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSFLKSFPFPGPAEGLLRQQPDTEAVLNGKGLGTGLYAESRLSWLDGSGLGFSLEYPTISLHAL
SRDRSDCLGEHLYVMVNAKFEEESKEPVADEEEEDSDDDEPITEFRFVPSDKSALEAMFTAM
CECQALHPDPEDESDDDYDGEEYDVEAHEQGQGDIPFTFYEEGLSHLTAEGQATLERLEGMLS
QSVSSQYNMAGVRTEDSIRDYEDGMEVDTTPTVAGQFEDADVHD

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

51.7

Interspecies Antigen Sequence

Mouse (90); Rat (90)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CLNS1A

Entrez GeneID [1207](#)

GeneBank Accession# [NM_001293.1](#)

Protein Accession# [NP_001284](#)

Gene Name CLNS1A

Gene Alias CLCI, CLNS1B, ICIn

Gene Description chloride channel, nucleotide-sensitive, 1A

Omim ID [602158](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein that functions in multiple regulatory pathways. The encoded protein c omplexes 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 curre nt regulator. Pseudogenes of this gene are found on chromosomes 1, 4 and 6. [provided by RefS eq

Other Designations -

Disease

- [Disease Progression](#)

- [Disease Susceptibility](#)
- [HIV Infections](#)
- [Tobacco Use Disorder](#)