# Recombinant Human CLCN7

Catalog No: #GP12790

Package Size: #GP12790-1 100ug

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## Description

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|---|---|
| Product Name | Recombinant Human CLCN7 |
| Brief Description | Recombinant Protein |
| Immunogen Description | Fusion protein corresponding to a region derived from 606-805 amino acids of human CLCN7 |
| Target Name | chloride voltage-gated channel 7 |
| Other Names | CLC7; CLC-7; OPTA2; OPTB4; PPP1R63 |
| Accession No. | Swissprot:P51798Gene Accession:BC012737 |
| Uniprot | P51798 |
| GeneID | 1186; |
| Storage | -20~-80°C, pH 7.6 PBS |

## Background

The product of this gene belongs to the CLC chloride channel family of proteins. Chloride channels play important roles in the plasma membrane and in intracellular organelles. This gene encodes chloride channel 7. Defects in this gene are the cause of osteopetrosis autosomal recessive type 4 (OPTB4), also called infantile malignant osteopetrosis type 2 as well as the cause of autosomal dominant osteopetrosis type 2 (OPTA2), also called autosomal dominant Albers-Schonberg disease or marble disease autosoml dominant. Osteopetrosis is a rare genetic disease characterized by abnormally dense bone, due to defective resorption of immature bone. OPTA2 is the most common form of osteopetrosis, occurring in adolescence or adulthood.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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