

CLCN7 抗原（重组蛋白）

中文名称： CLCN7 抗原（重组蛋白）

英文名称： CLCN7 Antigen (Recombinant Protein)

别名： chloride voltage-gated channel 7; CLC7; CLC-7; OPTA2; OPTB4; PPP1R63

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 606-805 amino acids of human CLCN7

技术规格

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|---------------------------|---|
| Full name: | chloride voltage-gated channel 7 |
| Synonyms: | CLC7; CLC-7; OPTA2; OPTB4; PPP1R63 |
| Swissprot: | P51798 |
| Gene Accession: | BC012737 |
| Purity: | >85%, as determined by Coomassie blue stained SDS-PAGE |
| Expression system: | Escherichia coli |
| Tags: | His tag C-Terminus, GST tag N-Terminus |
| 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 dis |

ease or marble disease autosomal 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.