

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

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 disease 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.