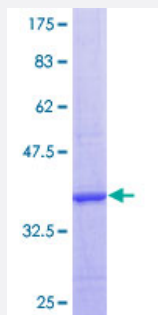


CLCN6 (Human) Recombinant Protein (Q01)

Catalog # H00001185-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CLCN6 partial ORF (NP_001277.1, 770 a.a. - 868 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	PRLSYAEMAEDYPRYPDIHDLDTLLNPRMVDVTPYMNPSPTVSPNTHVSQVFNLFRMTGLRHL PVVNAVGENGIITRHNLTYEFLQARLRQHYQT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (99); Rat (98)
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 — CLCN6

Entrez GeneID [1185](#)

GeneBank Accession# [NM_001286](#)

Protein Accession# [NP_001277.1](#)

Gene Name CLCN6

Gene Alias CLC-6, KIAA0046

Gene Description chloride channel 6

Omim ID [602726](#)

Gene Ontology [Hyperlink](#)

Gene Summary The CLCN family of voltage-dependent chloride channel genes comprises nine members (CLCN 1-7, Ka and Kb) which demonstrate quite diverse functional characteristics while sharing significant sequence homology. Chloride channel 6 and 7 belong to a subbranch of this family. Chloride channel 6 has four different alternatively spliced transcript variants. This gene is in close vicinity to two other kidney-specific chloride channel genes, CLCNKA and CLCNKB. [provided by RefSeq]

Other Designations OTTHUMP00000002410|OTTHUMP00000042609|OTTHUMP00000042610|OTTHUMP00000042611|OTTHUMP00000042616|OTTHUMP00000042617

Disease

- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
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