

Recombinant Human CLCA3P protein, GST-tagged

Cat. No. CLCA3P-17H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLCA3P(1 a.a. - 262 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1 a.a. - 262 a.a.
Description	This gene is a transcribed pseudogene belonging to the calcium sensitive chloride conductance protein family. To date, all members of this gene family map to the same site on chromosome 1p31-p22 and share high degrees of homology in size, sequence and predicted structure, but differ significantly in their tissue distributions. This gene contains several nonsense codons compared to other family members that render the transcript a candidate for nonsense-mediated mRNA decay (NMD). Therefore, this gene is unlikely to be protein-coding.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	55.77 kDa
AA Sequence	MVFSCLKVILFLSLLLSPVLKSSLVTLNNGYDGVIAINPSVPEDEKLIQNIKEMVTEAST YLFHATKQRAYFRNVSIIPMTYKSKSEYLIPKQESYDQADVIVADLYLKYGDDPYTL QYGQCGDKGQYIHFTPNFLLTNLATYGPRGRVVFVHEWAHLRWGVFDEYNVDQPF YISRRNTTEATRCSTRITVYMLNECKGASCIARPFRRDSKTGLYEAKCTFIPKRSQT

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AKESIVFMQNLDVTEFCTEKTHNKEAPNL

Applications

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

Notes

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

Storage

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

GENE INFORMATION

Gene Name

CLCA3P chloride channel accessory 3, pseudogene [Homo sapiens]

Official Symbol

CLCA3P

Synonyms

CLCA3

Gene ID

9629

Chromosome Location

1p22.3

Pathway

Ion channel transport, organism-specific biosystem; Stimuli-sensing channels, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem

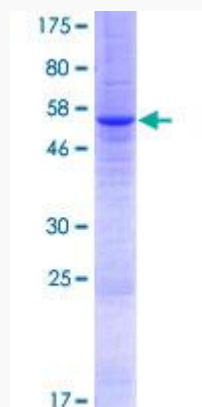
Function

calcium channel activity; chloride channel activity; metalloendopeptidase activity

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