

Recombinant Full Length Human CLCA4 Protein

Cat. No. CLCA4-1872HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CLCA4 full-length ORF (ADR83285.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	919 amino acids
Description	The protein encoded by this gene belongs 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. Alternative splicing results in multiple transcript variants, only one of which is thought to be protein coding. [provided by RefSeq, Dec 2008]
Form	Liquid
Molecular Mass	100.9 kDa
AA Sequence	MGLFRGFVFLLVLCLLHQSNTSFIKLNNNGFEDIVIVIDPSVPEDEKIIEQIEDMVTTAS TYLFEATEKRFFFFKNVSILIPENWKENPQYKRPKHENHKHADVIVAPPTLPGRDEPYT KQFTECGEKGEYIHFTPDLLLGGKKQNEYGPPGKLFVHEWAHLRWGVFDEYNEDQP FYRAKSKKIEATRCISAGISGRNRVYKCQGGSCLSRACRIDSTTKLYGKDCQFFPDKV QTEKASIMFMQSIDSVVEFCNEKTHNQEAPSLQNIKCNFRSTWEVISNSEDfKNTIP MVTPPPPPVFSLLKISQRIVCLVLDKSGSMGGKDRLNRMNQAACHFLLQTVENGSW

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VGMVHFDSTATIVNKLIQIKSSDERNTLMAGLPTYPLGGTSICSGIKYAFQVIGELHSQ
 LDGSEVLLLTDGEDNTASSCIDEVKQSGAIVHFIALGRAADEAVIEMSKITGGSHFYV
 SDEAQNNGLIDAFGALTSGNTDLSQKSLQLESKGLTLNSNAWMNDTVIIDSTVGKDT
 FFLITWNSLPPSISLWDPSGTIMENFTVDATSKMAYLSIPGTAKVGTWAYNLQAKANP
 ETLTITVTSRAANSSVPPITVNAKMNKDVNSFPSPMIVYAEILQGYVPVLGANVTAFIE
 SQNGHTEVLELLDNGAGADSFKNMGVYSRYFTAYTENGGRYSLKVRAGGANTARL
 KLRPPLNRAAYIPGWVVNGEIEANPPRPEIDEDTQTTLEDFSRASGGAFVVSQVPS
 LPLPDQYPPSQITDLDATVHEDKIILTWAPGDNFDVGKVQRYIIRISASILDLRDSFDD
 ALQLNTTDLSPKEANSKESFAFKPENISEENATHIFIAIKSIDKSNLTSKVSNIAQVTLFI
 PQANPDDIDPTPTPTPTPKSHNSGVNISTLVLSVIGSVVIVNFILSTTI

Applications

Antibody Production
 Functional Study
 Compound Screening

Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

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.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION
Gene Name

CLCA4 chloride channel accessory 4 [Homo sapiens]

Official Symbol

CLCA4

Synonyms

CaCC; CaCC2

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Gene ID	22802
mRNA Refseq	NM_012128.3
Protein Refseq	NP_036260.2
MIM	616857
UniProt ID	Q14CN2

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