# Calcium-activated chloride channel regulator 1 (CLCA1), partial Recombinant Protein | CLCA1 recombinant protein

Recombinant Pig Calcium-activated chloride channel regulator 1 (CLCA1), partial

| CATALOG # | HOST |
|---|---|
| **AAA117177** | **E Coli or Yeast or Baculovirus or Mammalian Cell** |

## PRODUCT SYNONYMS

Calcium-activated chloride channel regulator 1 (CLCA1); partial; Recombinant Pig Calcium-activated chloride channel regulator 1 (CLCA1); Calcium-activated chloride channel regulator 1; Calcium-activated chloride channel family member 1; pCLCA1; CLCA1 recombinant protein

## PRODUCT SPECIFICATIONS

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| **Host** | E Coli or Yeast or Baculovirus or Mammalian Cell |
| **Purity/Purification** | Greater or equal to 85% purity as determined by SDS-PAGE. |
| **Form/Format** | Lyophilized or liquid (Format to be determined during the manufacturing process) |
| **Sequence Positions** | 46-199. Partial. |
| **Sequence** | DERLIQNIKD MVTKASPYLF EATEKRFYFK NVAILIPASW KAKPEYVKPK LETYKNADVV VTEPNPPEND GPYTEQMGNC GEKGEKIYFT PDFVAGKKVL QYGPQGRVFV HEWAHLRWGV FNEYNNEQKF YLSNKKEQPV ICSAAIRGTN VLPQ |
| **Sequence Length** | 199 |
| **Species** | Sus scrofa (Pig) |
| **Preparation and Storage** | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended. |

## ADDITIONAL INFORMATION

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| **Related Product Information for CLCA1 recombinant protein** | This gene encodes a member of the calcium sensitive chloride conductance protein family. To date, all members of this gene family map to the same region on chromosome 1p31-p22 and share a high degree of homology in size, sequence, and predicted structure, but differ significantly in their tissue distributions. The encoded protein is expressed as a precursor protein that is processed into two cell-surface-associated subunits, although the site at which the precursor is cleaved has not been precisely determined. The encoded protein may be involved in mediating calcium-activated chloride conductance in the intestine. |

## NCBI AND UNIPROT INFORMATION

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| **NCBI GI #** | 47523388 |
| **NCBI GeneID** | 397284 |
| **NCBI Accession #** | NP_999313.1 |
| **NCBI GenBank Nucleotide #** | NM_214148.1 |
| **UniProt Accession #** | Q9TUB5 |
| **Molecular Weight** | 22.8 kDa |
| **NCBI Official Full Name** | calcium-activated chloride channel regulator 1 |
| **NCBI Official Symbol** | CLCA1 |

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|---|---|
| **NCBI Official Synonym Symbols** | AECC |
| **NCBI Protein Information** | calcium-activated chloride channel regulator 1; epithelial chloride channel protein; calcium-activated chloride channel family member 1 |
| **UniProt Protein Name** | Calcium-activated chloride channel regulator 1 |
| **UniProt Gene Name** | **CLCA1** |
| **UniProt Synonym Gene Names** | AECC |
| **UniProt Entry Name** | CLCA1_PIG |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/clca1-recombinant-protein-e-coli/117177