



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

Product Code	CSB-EP886948PI
Relevance	May be involved in mediating calcium-activated chloride conductance. May play critical roles in goblet cell metaplasia, mucus hypersecretion, cystic fibrosis and AHR. May be involved in the regulation of mucus production and/or secretion by goblet cells. Involved in the regulation of tissue inflammation in the innate immune response. May play a role as a tumor suppressor. Induces MUC5AC. Induces a cAMP-dependent chloride conductance possibly through effects on CFTR in colon carcinoma cells.
Abbreviation	Recombinant Pig CLCA1 protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9TUB5
Product Type	Recombinant Protein
Immunogen Species	Sus scrofa (Pig)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	DERLIQNIKDMVTKASPYLFEATEKRFYFKNVAILIPASWKAKPEYVKPKLETYK NADVVTTEPNPPENDGPYTEQMGNCGEKGEKIYFTPDFVAGKKVLQYGPQG RVFVHEWAHLRWGVFNEYNNQKFYLSNKKEQPVICSAAIRGTNVLPQ
Research Area	Signal Transduction
Source	E.coli
Target Names	CLCA1
Protein Names	Calcium-activated chloride channel family member 1 pCLCA1 AECC
Expression Region	46-199aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	22.8 kDa
Protein Length	Partial
Image	

