

Recombinant Human CLCA2 Protein, GST-tagged

Cat. No. CLCA2-1409H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CLCA2 partial ORF (NP_006527, 300 a.a. - 400 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the calcium-activated chloride channel regulator (CLCR) family of proteins. Members of this family regulate the transport of chloride across the plasma membrane. The encoded protein is autoproteolytically processed to generate N- and C- terminal fragments. Expression of this gene is upregulated by the tumor suppressor protein p53 in response to DNA damage. In breast cancer, expression of this gene is downregulated and the encoded protein may inhibit migration and invasion while promoting mesenchymal-to-epithelial transition in cancer cell lines. [provided by RefSeq, Sep 2016]
Molecular Mass	36.85 kDa
AA Sequence	PTFSLVQAGDKVVCLVLDVSSKMAEADRLQLQQAEEFYLMQIVEIHTFVGIA SFDSK GEIRAQLHQINSNDDRKLLVSYLPTTVSAKTDISICSGLKKG F
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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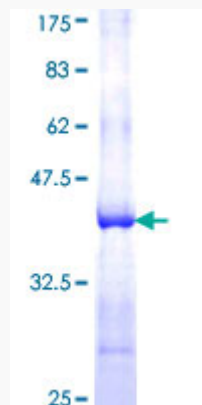
 45-1 Ramsey Road, Shirley, NY 11967, USA

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	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	CLCA2 chloride channel accessory 2 [Homo sapiens]
Official Symbol	CLCA2
Synonyms	CLCA2; chloride channel accessory 2; chloride channel regulator 2 , chloride channel, calcium activated, family member 2; calcium-activated chloride channel regulator 2; CLCRG2; hCLCA2; hCaCC-3; chloride channel regulator 2; calcium-activated chloride channel-2; calcium-activated chloride channel protein 3; CLCA family member 2, chloride channel regulator; calcium-activated chloride channel family member 2; chloride channel, calcium activated, family member 2; CACC; CACC3; CaCC-3; FLJ97885;
Gene ID	9635
mRNA Refseq	NM_006536
Protein Refseq	NP_006527
MIM	604003
UniProt ID	Q9UQC9

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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