

Recombinant Human CLCA2 Protein, His-tagged

Cat. No. CLCA2-1123H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLCA2 protein is produced by E. coli-derived, PET28a expression system. This protein is fused with a His tag at the C-terminus.
Species	Human
Source	E.coli
ProteinLength	595-901 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.0). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
Molecular Mass	43 kDa
AA Sequence	SRASNSAVPPATVEAFVERDSLHFPHPVMIYANVKQGFYPILNATVTATVEPETGDP VTLRLDDGAGADVIKNDGIYSRYFFSFAANGRYSLKVHVNHSPSISTPAHSIPGSHA MYVPGYTANGNIQMNA PRKSVGRNEEERKWGFSRVSSGGSFSVLGVPAGPHPDV FPPCKIIDLEAVKVEEELTSLWTAPGEDFDQGQATSYEIRMSKSLQNIQDDFNAILV NTSKRNPQQAGIREIFTFSPQISTNGPEHQPNGETHESHRIYVAIRAMDRNSLQSAV SNIAQAPLFIPPNSDPVPARDYL
Purity	> 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20 centigrade to -80 centigrade as lyophilized powder.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage. If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

GENE INFORMATION

Gene Name	CLCA2 chloride channel accessory 2 [Homo sapiens]
Official Symbol	CLCA2
Synonyms	CLCA2; chloride channel accessory 2; CLCRG2; hCLCA2; hCaCC-3; CACC; CACC3; CaCC-3; FLJ97885;
Gene ID	9635
mRNA Refseq	NM_006536
Protein Refseq	NP_006527
MIM	604003

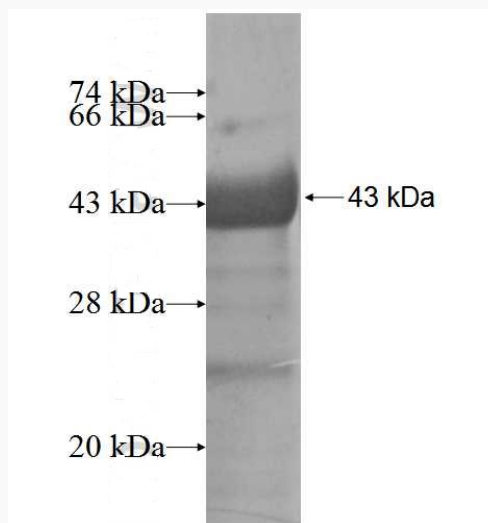
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

UniProt ID

Q9UQC9

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA