

P96669Hu01 2mg
Chloride Channel Accessory 1 (CLCA1)
Organism: Homo sapiens (Human)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
 NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

6th Edition (Revised in March, 2013)

[PROPERTIES]

Residues: Asn416~Arg670 (Accession # A8K7I4),
 with N-terminal His-Tag.

Host: *E. coli*

Subcellular Location: Secreted, extracellular
 space. Cell membrane; Peripheral membrane
 protein; Extracellular side.

Purity: >95%

Endotoxin Level: <1.0EU per 1µg
 (determined by the LAL method).

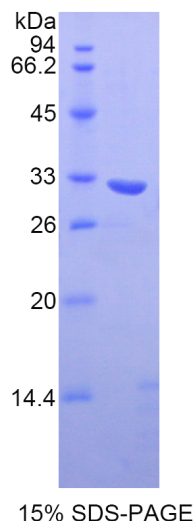
Formulation: Supplied as lyophilized form in PBS,
 pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Predicted isoelectric point: 7.1

Predicted Molecular Mass: 28.7kDa

Applications: SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)



[USAGE]

Reconstitute in sterile PBS, pH7.2-pH7.4.

Unique product *Superb quality* *Client favorite* *Nicest service* ISO9001:2008; ISO13485:2003; CE

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[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The target protein is fused with N-terminal His-Tag, its sequence is listed below.
MGHHHHHSGSEF- NTISG CFNEVKQSGA IIHTVALGPS AAQEELEELSK MTGGLQTYAS
DQVQNNGLID AFGALSSGNG AVSQRSIQLE SKGLTLQNSQ WMNGTVIVDS TVGKDTLFLI
TWTMQPPQIL LWDPGSGQKQG GFVVDKNTKM AYLQIPGIAK VGTWKYSLQA SSQTLTLTVT
SRASNATLPP ITVTSKTNKD TSKFPSPLVV YANIRQGASP ILRASVTALI ESVNGKTVTL
ELLDNGAGAD ATKDDGVYSR YFTTYDTNGR

[REFERENCES]

1. Bailey S.D., *et al.* (2010) Diabetes Care 33:2250-2253.
2. Hauber H.P., *et al.* (2010) J. Cyst. Fibros. 9:277-279.
3. Wu W., *et al.* (2010) Lin Chung Er Bi Yan Hou Tou Jing Wai Ke Za Zhi 24:193-5, 2010:199-199.
4. Han S., *et al.* (2010) Hum. Immunol. 71:727-730.