

Recombinant Human Chloride intracellular channel protein 4(CLIC4)

Catalog No: #AP76744

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Package Size: #AP76744-1 20ug #AP76744-2 100ug #AP76744-3 1mg

Description

Product Name	Recombinant Human Chloride intracellular channel protein 4(CLIC4)
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-253aaSequence Info:Full Length
Other Names	Intracellular chloride ion channel protein p64H1
Accession No.	Q9Y696
Uniprot	Q9Y696
GeneID	25932;
Calculated MW	55.8 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MALSMPLNGLKEEDKEPLIELFVKAGSDGESIGNCPFSQRLFMILWLKGVVFSVTTVDLKRKPADLQNLAPGTH PPFITFNSEVKTDVNKIEEFLEEVLCPKYLKLSPKHPESNTAGMDIFAKFSAYIKNSRPEANEALERGLLKTQK LDEYLN SPLPDEIDENS MEDIKFSTRKFLDGNEMTLADCNLLPKLHIVKVVAKKYRNF DIPKEMTGIWRYLTNAY SRDEFTNTCPSDKEVEIAYS DVAKRLTK
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Can insert into membranes and form poorly selective ion channels that may also transport chloride ions. Channel activity depends on the pH. Membrane insertion seems to be redox-regulated and may occur only under oxydizing conditions. Promotes cell-surface expression of HRH3. Has alternate cellular functions like a potential role in angiogenesis or in maintaining apical-basolateral membrane polarity during mitosis and cytokinesis. Could also promote endothelial cell proliferation and regulate endothelial morphogenesis (tubulogenesis).

References

"A novel p64-related Cl⁻ channel: subcellular distribution and nephron segment-specific expression."
Edwards J.C.
Am. J. Physiol. 276:F398-F408(1999)Research Topic:Cell Biology

Note: This product is for in vitro research use only