

Recombinant Human SLCO4C1 protein ab166349

1 Image

Description

Product name	Recombinant Human SLCO4C1 protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MKSAKGIENLAFVPSSPDILRRLSASPSQIEVSALSSDPQR ENSQPQELQ KPQEPQKSPEPSLPSAPPNVSEEKLRSLSLSEFEEGSYG WRNFHPQCLQR CNTPGGFLLHYCLLAVTQGIVNGLVNISISTVEKRYEMKS SLTGLISS YDISFCLLSLFVSFFGERGHKPRWLAFAAFMIGLGALVFSL PQFFSGEYK LGSLFEDTCVTTNRNSTSCTSSSSLNLYVFILGQLLLGA GGTPLYTLG TAFLDDSVPTHKSSLYIGTGYAMSILGPAIGYVLGGQLLTYI DVAMGES TDVTEDDPRWLGAWWIGFLLSWIFAWSLIIPFSCFPKHLP GTAEIQAGKT SQAHQSNSNADVKFGKSIKDFPAALKNLMKNAVFMCLVL STSSEALITTG FATFLPKFIENQFGLTSSFAATLGGAVLIPGAALGQILGGFL VSKFRMTC KNTMKFALFTSGVALTLSFVFMYAKCENEPFAGVSESYN GTGELGNLIAP CNANCNCSRSYYYPCGDGVQYFSPCFAGCSNPVAHRK PKVYYNCSCIER KTEITSTAETFGFEAKAGKCETHCAKLPIFLCIIFFVIIFTFMA GTPITV SILRCVNHQRSLALGIQFMVLRLLGTIPGPIIFGTIDSTCIL WDINDC GIKGACWIYDNIKMAHMLVAISVTCKVITMFFNGFAIFLYKPP PSATDVS FHKENAVVTNVLAEQDLNKKVKEG

<b>Amino acids</b>	1 to 724
<b>Tags</b>	GST tag N-Terminus

## Specifications

---

Our **Abpromise guarantee** covers the use of **ab166349** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	ELISA Western blot
<b>Form</b>	Liquid
<b>Additional notes</b>	

## Preparation and Storage

---

<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
------------------------------	--

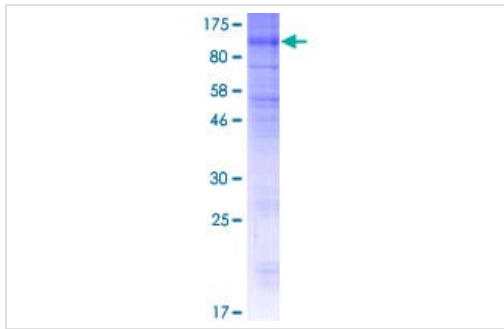
## General Info

---

<b>Function</b>	Organic anion transporter, capable of transporting pharmacological substances such as digoxin, ouabain, thyroxine, methotrexate and cAMP. May participate in the regulation of membrane transport of ouabain. Involved in the uptake of the dipeptidyl peptidase-4 inhibitor sitagliptin and hence may play a role in its transport into and out of renal proximal tubule cells. May be involved in the first step of the transport pathway of digoxin and various compounds into the urine in the kidney. May be involved in sperm maturation by enabling directed movement of organic anions and compounds within or between cells. This ion-transporting process is important to maintain the strict epididymal homeostasis necessary for sperm maturation. May have a role in secretory functions since seminal vesicle epithelial cells are assumed to secrete proteins involved in decapacitation by modifying surface proteins to facilitate the acquisition of the ability to fertilize the egg.
<b>Tissue specificity</b>	Predominantly expressed in kidney but also weakly expressed in both fetal liver and kidney.
<b>Sequence similarities</b>	Belongs to the organo anion transporter (TC 2.A.60) family. Contains 1 Kazal-like domain.
<b>Cellular localization</b>	Basolateral cell membrane. Detected at the basolateral membrane of the proximal tubule cell in the kidney.

## Images

---



SDS-PAGE - Recombinant Human SLCO4C1  
protein (ab166349)

ab166349 on a 12.5% SDS-PAGE stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

#### Our Abpromise to you: Quality guaranteed and expert technical support

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

#### Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors