

## Product datasheet

# Recombinant Human SVCT1 protein ab160742

1 Image

### Description

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<b>Product name</b>	Recombinant Human SVCT1 protein
<b>Expression system</b>	Wheat germ
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	MRAQEDLEGRTQHEHTRDPSTPLPTEPKFDMLYKIEDVPP WYLCILLGFQ HYLTCFSGTIAVPFLLAELCVGHDQHMVSQLIGTIFTCVG MFCTLFGMI TAVGLSNLQFVDMNSSRNLFALGFSMFFGLTLPNYLESNP GAINTGILEV DQILMLLTTEMFVGGCLAFILDNTVPGSPEERGLIQWKAG AHANSDMSS SLKSYDFPIGMGNVKRITFLRYIPICPVFKGFSSSSKQDQIAIPE DTPENT ETASVCTKV
<b>Amino acids</b>	1 to 259
<b>Tags</b>	GST tag N-Terminus

### Specifications

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Our **Abpromise guarantee** covers the use of **ab160742** 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>	Western blot ELISA
<b>Form</b>	Liquid
<b>Additional notes</b>	This product was previously labelled as SLC23A1.

### Preparation and Storage

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## Stability and Storage

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

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### Function

Sodium/ascorbate cotransporter. Mediates electrogenic uptake of vitamin C, with a stoichiometry of 2 Na(+) for each ascorbate.

### Tissue specificity

Highly expressed in adult small intestine, kidney, thymus, ovary, colon, prostate and liver, and in fetal kidney, liver and thymus.

### Sequence similarities

Belongs to the xanthine/uracil permease family. Nucleobase:cation symporter-2 (NCS2) (TC 2.A.40) subfamily.

### Post-translational modifications

Phosphorylated.

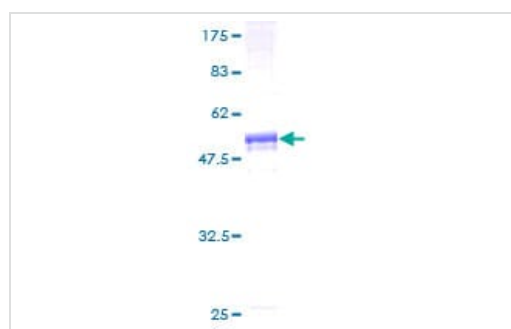
### Cellular localization

Membrane.

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## Images

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ab160742 on a 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human SVCT1 protein  
(ab160742)

**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

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- 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.

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