

## Product datasheet

# Recombinant Human xCT protein ab112403

1 Image

### Overview

<b>Product name</b>	Recombinant Human xCT protein
<b>Protein length</b>	Full length protein

### Description

<b>Nature</b>	Recombinant
<b>Source</b>	Wheat germ

### Amino Acid Sequence

<b>Accession</b>	<a href="#">Q9UPY5</a>
<b>Species</b>	Human
<b>Sequence</b>	MVRKPVVSTISKGGYLQGNVNGRLPSLGNKEPPGQEKVQLKRKVTLLRGV SIIIGTIIGAGIFISPKGVLQNTGSGVMSLTWTVCGVLSLFGALSIAEL GTTIKKSGGHYTYILEVFGPLPAFVRVWVELLIIRPAATAVISLAFGRYI LEPFFIQCEIPELAIKLITAVGITVVMVLNSMSVSWSARIQIFLTFCCKLT AILIIVPGVMQLIKGQTQNFKDAFSGRDSSITRLPLAFYYGMYAYAGWF YLNFTVEEVENPEKTIPLAICISMAVTIGYVLTNAVYFTTINAEELLS NAVAVTFSERLLGNFSLAVPIFVALSCFGSMNGGVFAVSRLFYVASREGH LPEILSMIHVRKHTPLPAVIMLHPLTMIMLFSGDLDSLLNFLSFARWLF GLAVAGLMLRYKCPDMHRPFKVPFLFIPALFSFTCLFMVALSLYSDPFST GIGFVITLTGVPAYYLFIMWDKKPRWFRIMSEKITRTLQIILEVVPEEDK L
<b>Molecular weight</b>	81 kDa including tags
<b>Amino acids</b>	1 to 501

### Specifications

Our [Abpromise guarantee](#) covers the use of **ab112403** 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
	SDS-PAGE
	Western blot
	Other

<b>Form</b>	Liquid
<b>Additional notes</b>	Best to use within three months from the date of receipt of this protein.

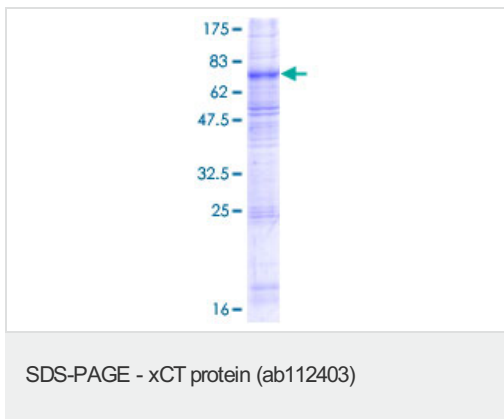
## Preparation and Storage

<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: 0.79% Tris HCl, 0.31% Glutathione
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## General Info

<b>Function</b>	Sodium-independent, high-affinity exchange of anionic amino acids with high specificity for anionic form of cystine and glutamate.
<b>Sequence similarities</b>	Belongs to the amino acid-polyamine-organocation (APC) superfamily. L-type amino acid transporter (LAT) (TC 2.A.3.8) family.
<b>Cellular localization</b>	Membrane.

## Images



12.5% SDS-PAGE analysis of ab112403.  
Stained with Coomassie Blue

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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- Replacement or refund for products not performing as stated on the datasheet
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