

Product datasheet

Recombinant Human xCT protein ab112403

1 Image

Overview

Product name	Recombinant Human xCT protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ

Amino Acid Sequence

Accession	Q9UPY5
Species	Human
Sequence	MVRKPVVSTISKGGYLQGNVNGRLPSLGNKEPPGQEKVQLKRKVTLLRGV SIIIGTIIGAGIFISPKGVLQNTGSGVMSLTWTVCGVLSLFGALSIAEL GTTIKKSGGHYTYILEVFGPLPAFVRVWVELLIIRPAATAVISLAFGRYI LEPFFIQCEIPELAIKLITAVGITVVMVLNSMSVSWSARIQIFLTFCFLT AILIIVPGVMQLIKGQTQNFKDAFSGRDSSITRLPLAFYYGMYAYAGWF YLNFTVEEVENPEKTIPLAICISMAVTIGYVLTNAVYFTTINAEELLS NAVAVTFSERLLGNFSLAVPIFVALSCFGSMNGGVFAVSRLFYVASREGH LPEILSMIHVRKHTPLPAVIMLHPLTMIMLFSGDLDSELLNFLSFARWLF GLAVAGLMLRYKCPDMHRPFKVPFLFIPALFSFTCLFMVALSLYSDPFST GIGFVITLTGVPAYYLFIMWDKKPRWFRIMSEKITRTLQIILEVVPEEDK L
Molecular weight	81 kDa including tags
Amino acids	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.

Applications	ELISA
	SDS-PAGE
	Western blot
	Other

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

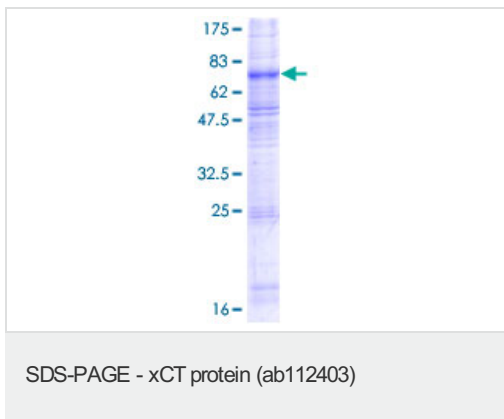
Preparation and Storage

Stability and Storage	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

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

Images



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

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- Response to your inquiry within 24 hours
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