

Product datasheet

Recombinant Human xCT protein ab112403

[1 References](#) [1 Image](#)

Description

Product name	Recombinant Human xCT protein
Expression system	Wheat germ
Accession	<u>Q9UPY5</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MVRKPVVSTISKGGYLQGNVNGRLPSLGNKEPPGQEKVQ LKRKVTLLRGV SIIIGTIIGAGIFISPKGVLQNTGSGVMSLTWTVCVLSLFGA LSYAEI GTTIKKSGGHYTYILEVFGPLPAFVRVWVELLIIRPAATAVIS LAFGRYI LEPFFIQCEIPELAIKLITAVGITVVMVLNSMSVSWARIQIFL TFCKLT AILIIVPGVMQLIKGQTQNFKDAFSGRDSSITRLPLAFYYGM YAYAGWF YLNFTVEEVENPEKTIPLAICISMAITIGYVLTNVAYFTTINAE ELLS NAVAVTFSERLLGNFSLAVPIFVALSCFGSMNGGVFAVSR LFYVASREGH LPEILSMIHVRKHTPLPAVIVLHPLTMIMLFSGDLDSLLNFLS FARWLF GLAVAGLMLRYKCPDMHRPFKVPLFIPALFSFTCLFMVAL SLYSDPFST GIGFVITLTGVPAYYLFIMWDKKPRWFRIMSEKITRTLQIILEVV PEEDK L
Predicted 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
Form	Liquid

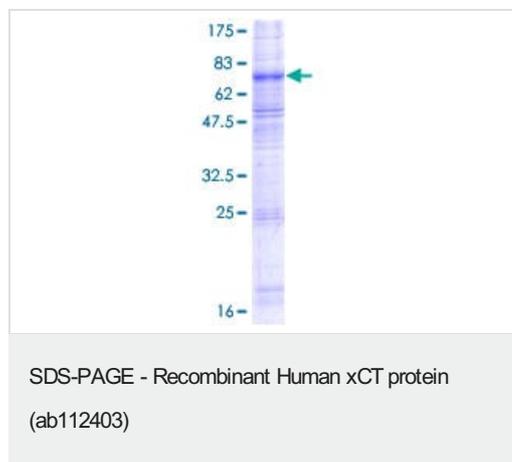
Preparation and Storage

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