## **Product Datasheet**

### Recombinant Human xCT GST (N-Term) Protein H00023657-P01-2ug

Unit Size: 2 ug

Store at -80C. Avoid freeze-thaw cycles.

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#### H00023657-P01-2ug

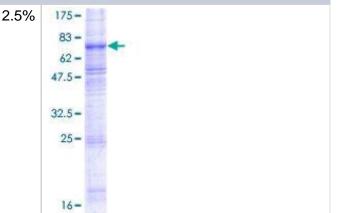
Recombinant Human xCT GST (N-Term) Protein

Product Information		
Unit Size	2 ug	
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.	
Storage	Store at -80C. Avoid freeze-thaw cycles.	
Preservative	No Preservative	
Purity	>80% by SDS-PAGE and Coomassie blue staining	
Buffer	50 mM Tris-HCI, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.	
Target Molecular Weight	81.8 kDa	
Product Description		
Description	A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-501 of Human SLC7A11	
	Source: Wheat Germ (in vitro)	
	Amino Acid Sequence: MVRKPVVSTISKGGYLQGNVNGRLPSLGNKEPPGQEKVQLKRKVTLLRGVSIII GTIIGAGIFISPKGVLQNTGSVGMSLTIWTVCGVLSLFGALSYAELGTTIKKSGG HYTYILEVFGPLPAFVRVWVELLIIRPAATAVISLAFGRYILEPFFIQCEIPELAIKLI TAVGITVVMVLNSMSVSWSARIQIFLTFCKLTAILIIIVPGVMQLIKGQTQNFKDAF SGRDSSITRLPLAFYYGMYAYAGWFYLNFVTEEVENPEKTIPLAICISMAIVTIGY VLTNVAYFTTINAEELLLSNAVAVTFSERLLGNFSLAVPIFVALSCFGSMNGGVF AVSRLFYVASREGHLPEILSMIHVRKHTPLPAVIVLHPLTMIMLFSGDLDSLLNFL SFARWLFIGLAVAGLIYLRYKCPDMHRPFKVPLFIPALFSFTCLFMVALSLYSDP FSTGIGFVITLTGVPAYYLFIIWDKKPRWFRIMSEKITRTLQIILEVVPEEDKL	
Gene ID	23657	
Gene Symbol	SLC7A11	
Species	Human	
Preparation Method	in vitro wheat germ expression system	
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.	
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.	
Product Application Details		
Applications	Western Blot, ELISA, Protein Array, Immunoaffinity Purification	
Recommended Dilutions	Western Blot, ELISA, Protein Array, Immunoaffinity Purification	



#### Images

SDS-Page: Recombinant Human xCT Protein [H00023657-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



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#### Products Related to H00023657-P01-2ug

NB300-317PEP	xCT Antibody Blocking Peptide
NBP1-32822	Nrf2 Antibody
NB300-318	xCT Antibody - BSA Free
NB300-164	Bestrophin 1 Antibody (E6-6) - BSA Free

#### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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