

PRODUCT INFORMATION

Tag	N-His, C-strep
Target	SLC7A11
Synonyms	CCBR1; xCT
Description	Human SLC7A11 full length protein-Nanodisc
Delivery	1 week
Uniprot ID	Q9UPY5
Expression Host	E.coli
Protein Families	Druggable Genome, Transmembrane
Protein Pathways	N/A
Molecular Weight	The human SLC7A11 full length protein has a MW of 57.5kDa
Formulation & Reconstitution	Liquid, 20mM HEPES, 150mM NaCl, pH7.5
Storage&Shipping	Store at -80°C, Ship on dry ice.
Background	This gene encodes a member of a heteromeric, sodium-independent, anionic amino acid transport system that is highly specific for cysteine and glutamate. In this system, designated Xc(-), the anionic form of cysteine is transported in exchange for glutamate. This protein has been identified as the predominant mediator of Kaposi sarcoma-associated herpesvirus fusion and entry permissiveness into cells. Also, increased expression of this gene in primary gliomas (compared to normal brain tissue) was associated with increased glutamate secretion via the XCT channels, resulting in neuronal cell death. [provided by RefSeq, Sep 2011]
Purity	>80%
Usage	Research use only
Conjugate	Unconjugated

