

Recombinant Human SLC7A11 Protein, Fc tagged

Cat. No. SLC7A11-25H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC7A11 Protein with Fc tag was expressed in HEK293.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	33.4 kDa
Purity	Greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Storage	Store at -20 centigrade to -80 centigrade for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 centigrade (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. Stability: 12 months from date of despatch.

GENE INFORMATION

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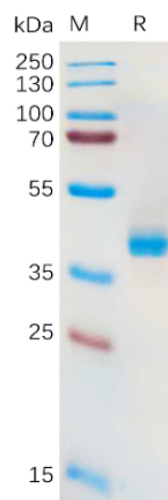
Gene Name	SLC7A11 solute carrier family 7 member 11 [Homo sapiens (human)]
Official Symbol	SLC7A11
Synonyms	SLC7A11; solute carrier family 7 member 11; xCT; CCB1; cystine/glutamate transporter; amino acid transport system xc-; calcium channel blocker resistance protein CCB1; solute carrier family 7 (anionic amino acid transporter light chain, xc-system), member 11; solute carrier family 7, (cationic amino acid transporter, y+ system) member 11
Gene ID	23657
mRNA Refseq	NM_014331
Protein Refseq	NP_055146
MIM	607933
UniProt ID	Q9BYH2

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SDS-PAGE and WB



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