

Recombinant Human SLC7A11 protein, GST-tagged

Cat. No. SLC7A11-30700TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC7A11(1 a.a. - 501 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-501 a.a.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	81.8 kDa
AA Sequence	MVRKPVVSTISKGGYLQGNVNGRLPSLGNKEPPGQEKVQLKRKVTLLRGVSIIGTII GAGIFISPKGVLQNTGSGVMSLTIWTVCGVLSLFGALSYAELGTTIKSGGHYTYILEV FGPLPAFVRVWVELLIIRPAATAVISLAFGRYILEPFFIQCEIPELAIKLITAVGITVVMVL NSMSVSWSARIQIFLTFCCKLTAILIIVPGVMQLIKGQTQNFKDAFSGRDSSITRLPLAF YYGMYAYAGWFYLNFTVEEVENPEKTIPLAICISMAIVTIGYVLTNVAYFTTINAEELL SNAVAVTFSERLLGNFSLAVPIFVALSCFGSMNGGVFAVSRLFYVASREGHLPEILS MIHVRKHTPLPAVIVLHPLTMIMLFSGDLDSLLNFLSFARWLFGLAVAGLIYLRKCP DMHRPFKVPLFIPALFSFTCLFMVALSLYSDPFSTGIGFVITLTGVPAYYLFIIWDDKPR WFRIMSEKITRTLQIILEVVPPEEDKL
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
GENE INFORMATION	
Gene Name	SLC7A11 solute carrier family 7 (anionic amino acid transporter light chain, xc-system), member 11 [Homo sapiens]
Official Symbol	SLC7A11
Synonyms	SLC7A11; solute carrier family 7 (anionic amino acid transporter light chain, xc-system), member 11; cystine/glutamate transporter; xCT; amino acid transport system xc-; solute carrier family 7 member 11; calcium channel blocker resistance protein CCBR1; solute carrier family 7, (cationic amino acid transporter, y+ system) member 11; CCBR1;
Gene ID	23657
mRNA Refseq	NM_014331
Protein Refseq	NP_055146
MIM	607933
UniProt ID	Q9UPY5
Chromosome Location	4q28-q32
Function	amino acid transmembrane transporter activity; cystine:glutamate antiporter activity;

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protein binding;

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