Recombinant Human SLC7A11 protein, His-tagged

Cat. No. SLC7A11-6223H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC7A11 protein(1-42 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-42 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.

GENE INFORMATION

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

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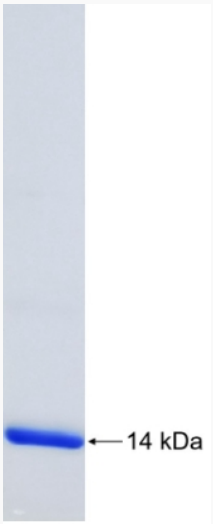
	xc-; solute carrier family 7 member 11; calcium channel blocker resistance protein CCBR1; solute carrier family 7, (cationic amino acid transporter, y+ system) member 11; CCBR1;
Gene ID	23657
mRNA Refseq	NM_014331
Protein Refseq	NP_055146
MIM	607933
UniProt ID	Q9UPY5
SDS-PAGE	

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