

# Recombinant Full Length Human SLC23A2 Protein, GST-tagged

**Cat. No.** SLC23A2-6810HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human SLC23A2 Full-Length ORF Protein (1-425 aa) is produced by Wheat Germ (in vitro) expression system. This protein is fused with a GST tag at the N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	425 amino acids
<b>Description</b>	The absorption of vitamin C into the body and its distribution to organs requires two sodium-dependent vitamin C transporters. This gene encodes one of the two required transporters and the encoded protein accounts for tissue-specific uptake of vitamin C. Previously, this gene had an official symbol of SLC23A1.
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	72.8 kDa
<b>AA Sequence</b>	MMGIGKNTTSKSMEAGSSTEGKYEDEAKHPAFFTLPPVINGGATSSGEQDNEDTEL MAIYTTENGIAEKSSLAETLDSTGSLDPQRSDMIYTIEDVPPWYLCIFLGLQHLYLTCFS GTIAVPFLLADAMCVGYDQWATSQLIGTIFFCVGITTLLQTTFGCRLPLFQASAFAPLA PARAILSLDKWKCNTTDDVSVANGTAELLHTEHIWYPRIREIQGAIIMSSLIEVVIGLLGL PGALLKYIGPLTITPTVALIGLSGFQAAGERAGKHWGIAMLTIFLVLLFSQYARNVKFP

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LPIYKSKKGWTAYKLQLFKMFPIILAILVSWLLCFIFTVTDVFPPDSTKYGFYARTDAR  
 QGVLLVAPWFKVPYPFQWGLPTVSAAGVIGMLSAVVASIIESIGDYYACARLSCAPP  
 PPIHAINRYVPEKTSS

**Applications**

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);  
 Antibody Production; Protein Array

**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**

SLC23A2 solute carrier family 23 (nucleobase transporters), member 2 [ Homo sapiens ]

**Official Symbol**

SLC23A2

**Synonyms**

SLC23A2; KIAA0238; SVCT2; YSPL2; hSVCT2;

**Gene ID**

9962

**mRNA Refseq**

NM\_005116

**Protein Refseq**

NP\_005107

**MIM**

603791

**UniProt ID**

Q9UGH3

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