

Recombinant Full Length Human SLC23A1 Protein, GST-tagged

Cat. No. SLC23A1-6802HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC23A1 Full-Length ORF Protein (1-259 aa) is produced by Wheat Germ (in vitro) expression system. This protein is fused with a GST tag at the N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	259 amino acids
Description	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 transporters. The encoded protein is active in bulk vitamin C transport involving epithelial surfaces. Previously, this gene had an official symbol of SLC23A2. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	54.23 kDa
AA Sequence	MRAQEDLEGRTQHETTRDPSTPLPTEPKFDMLYKIEDVPPWYLCILLGFQHYLTCFS GTIAVPFLAEALCVGHDQHMVSQLIGTIFTCVGMFCTLFGMITAVGLSNLQFVDMNS SRNLFALGFSMFFGLTLPNYLESNPGAINTGILEVDQILIVLLTTEMFVGGCLAFILDNT

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VPGSPEERGLIQWKAGAHANSDMSSSLKSYDFPIGMGIVKRITFLRYIPICPVFKGFS
SSSKDQIAIPEDTPENTETASVCTKV

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

SLC23A1 solute carrier family 23 (nucleobase transporters), member 1 [Homo sapiens]

Official Symbol

SLC23A1

Synonyms

SLC23A1; SVCT1; YSPL3; hSVCT1; SLC23A2; MGC22361;

Gene ID

9963

mRNA Refseq

NM_005847

Protein Refseq

NP_005838

MIM

603790

UniProt ID

Q9UHI7

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