

# Recombinant Full Length Human SLC43A2 Protein, GST-tagged

**Cat. No.** SLC43A2-6820HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human SLC43A2 Full-Length ORF Protein (1-569 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>	569 amino acids
<b>Description</b>	System L amino acid transporters, such as SLC43A2, mediate sodium-independent transport of bulky neutral amino acids across cell membranes (Bodoy et al., 2005 [PubMed 15659399]).
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	89.1 kDa
<b>AA Sequence</b>	MAPTLATAHRRRWWMACTAVLENLLFSAVLLGWGSLIMLKSEGFYSLCTEPENV TNGTVGGTAEPGHHEVSWMNGWLSCQAQDEMLNLAFTVGSFLLSAITPLGIVMDK YGPRKLRLLGSACFAVSCLLIAYGASKPNALSVLIFIALALNGFGGMCMFTFTSLTPN MFGDLRSTFIALMIGSYASSAVTFPGIKLIYDAGVSFIVLVVWAGCSGLVFLNCFN WPLEPFGPEDMDYSVKIKFSWLGFDHKITGKQFYKQVTTVGRRLSVGSSMRSKE QVALQEGHKLCLSTVDLEVKQCQPDAAVAPSFMHVSFSPILLLSLVTMCVTQLRLIFYM

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GAMNNILKFLVSGDQKTVGLYTSIFGVLQLLCLLTAPVIGYIMDWRLKECEDASEEPE  
EKDANQGEKKKKKRDRQIQKITNAMRAFAFTNLLLVGFGVTCLIPNLPLQILSFILHTIV  
RGIHSAVGGLYAAVYPSTQFGSLTGLQSLISALFALLQQPLFLAMMGPLQGDPLWV  
NVGLLLLLSLLGFCLPLYLICRYRRQLERQLQQRQEDDKLFLKINGSSNQAEFV

**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** [SLC43A2 solute carrier family 43, member 2 \[ Homo sapiens \]](#)

**Official Symbol** [SLC43A2](#)

**Synonyms** [SLC43A2](#); [MGC34680](#); [LAT4](#); [FLJ23848](#);

**Gene ID** [124935](#)

**mRNA Refseq** [NM\\_152346](#)

**Protein Refseq** [NP\\_689559](#)

**MIM** [610791](#)

**UniProt ID** [Q8N370](#)

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