

Recombinant Full Length Human SLC43A2 Protein, GST-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	569 amino acids
Description	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]).
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	89.1 kDa
AA Sequence	MAPTLATAHRRRWWMACTAVLENLLFSVLLGWGSLIMLKSEGFYSYLCTEPENV TNGTVGGTAEPGHEEVSWMNGWLSCQAQDEMLNLAFTVGSFLLSAITPLGIVMDK YGPRKLRLLLGSACFAVSCLLIAYGASKPNALSVLIFIALALNGFGGMCMTFTSLTLPN MFGDLRSTFIALMIGSYASSAVTFPGIKLIYDAGVSFIVVLVWAGCSGLVFLNCFN WPLEPFPGPEDMDYSVKIKFSWLGFDPKITGKQFYKQVTTVGRRLSVGSSMRSKE QVALQEGHKLCLSTVDLEVKCPDAAVAPSFMHVSFSPILLLSLVTMCVTQLRLIFYM

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GAMNNILKFLVSGDQKTVGLYTSIFGVLQLLCLLTAPVIGYIMDWRLKECEDASEEPE
 EKDANQGEKKKKRDRQIQKITNAMRAFAFTNLLLVGFGVTCLIPNLPLQILSFILHTIV
 RGFHSAGGLYAAVYPSTQFGSLTGLQSLISALFALLQQPLFLAMMGPLQGDPLWV
 NVGLLLLSLLGFCLPLYLICYYRRQLERQLQQRQEDDKLFLKINGSSNQEAFV

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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