

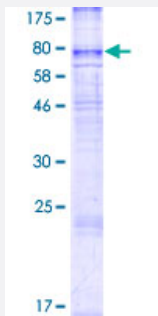
Full-Length

SLC43A2 (Human) Recombinant Protein (P01)

Catalog # H00124935-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SLC43A2 full-length ORF (NP_689559.1, 1 a.a. - 569 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAPTLATAHRRRWWMACTAVLENLLFSVLLGWGSLLIMLKSEGFYSYLCTEPENVNNGTVGGT
AEPGHEEVSWMNGWLSCQAQDEMLNLAFTVGSFLLSAITLPLGMMDKYGPRKLRLGSAFAV
SCLLIAYGASKPNALSVLIFIALALNGFGGMCMTFTSLTPNMFGDLRSTFIALMIGSYASSAVTFPGI
KLIYDAGVSFIMVLVWAGCSGLVFLNCFNWPLEPFPGPEDMDYSVKIKFSWLGFDHKITGKQF
YKQVTTVGRRLSVGSSMRSKEQVALQEGHKLCLSTVDLEVKCQPDAAVAPSFMHVSFSPILL
SLVTMCVTQLRLIFYMGAMNNILKFLVSGDQKTVGLYTSIFGVLQLLCLLTAPVIGYMDWRLKECED
ASEEPEEKDANQGEKKKKRDRQIQKITNAMRAFAFTNLLLVGFGVTCLIPNLPLQILSFILHTIVRG
FIHSAVGGLYAAVYPSTQFGSLTGLQSLISALFALLQQPLFLAMMGPLQGDPLWVNVGLLLSLLG
FCLPLYLICYYRQLERQLQQRQEDDKLFLKINGSSNQAEFV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

89.1

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — SLC43A2

Entrez GeneID[124935](#)**GeneBank Accession#**[NM_152346.1](#)**Protein Accession#**[NP_689559.1](#)**Gene Name**

SLC43A2

Gene Alias

FLJ23848, LAT4, MGC34680

Gene Description

solute carrier family 43, member 2

Omim ID[610791](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]).[supplied by OMIM]

Other Designations

L-type amino acid transporter 4|amino acid transporter

Disease

- [Cardiovascular Diseases](#)

- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)