

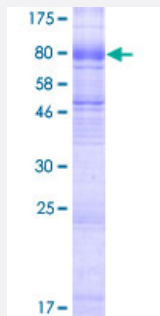
Full-Length

# SLC6A19 (Human) Recombinant Protein (P01)

Catalog # H00340024-P01

Size 25 ug, 10 ug

## Applications



## Specification

### Product Description

Human SLC6A19 full-length ORF ( NP\_001003841.1, 1 a.a. - 634 a.a.) recombinant protein with GS T-tag at N-terminal.

### Sequence

MVRLVLPNPGLDARIPSLAELETIEQEEASSRPKWDNKAQYMLTCLGFCVGLGNVWRFPYLCQS  
HGGGAFMIPFLILLVLEGIPLLYLEFAIGQRLRRGSLGVWSSIHPALKGLGLASMLTSFMVGLYNTII  
SWIMWYLFNSFQEPLPWSDCPLNENQTGYVDECARSSPVDYFWYRETLNISTSISDSGSIQWWM  
LLCLACAWSVLYMCTIRGIETTGKAVYITSLPYVVLTIPLIRGLTLKGATNGVFLFTPNVTELAQPDT  
WLDAGAQQVFFSFLAFGGSLIFSSYNSVHNNCEKDSVIVSIINGFTSVYVAIVVYSVIGFRATQRYDD  
CFSTNLTINGFDLPEGNVQTQENFVDMQQRCNASDPAAYAQLVFQTCDINAFLSEAVEGTGLAFI  
VFTEAITKMPLSPLWSVLFFIMLFCLGLSSMFGNMEGVVPLQDLRVIPPKWPKEVLTGLICLGTFL  
IGFIFTLNSGQYWLSLLDSYAGSIPLLIACEMFSVVVYGVDRFNKDIEFMIGHKPNIFWQVTWRVV  
SPLLMLIIFLFFVVEVSQELTYSIWDPGYEEFPKSQKISYPNWVYVVVVVAGVPSTIPGYAMKLIR  
NHCQKPGDHQGLVSTLSTASMNGDLKY

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

97.5

### 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.

|                            |                                                                          |
|----------------------------|--------------------------------------------------------------------------|
| <b>Storage Buffer</b>      | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| <b>Storage Instruction</b> | Store at -80°C. Aliquot to avoid repeated freezing and thawing.          |
| <b>Note</b>                | 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 — SLC6A19

|                            |                                                                                                                                                                                                                                 |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Entrez GeneID</b>       | <a href="#">340024</a>                                                                                                                                                                                                          |
| <b>GeneBank Accession#</b> | <a href="#">NM_001003841.1</a>                                                                                                                                                                                                  |
| <b>Protein Accession#</b>  | <a href="#">NP_001003841.1</a>                                                                                                                                                                                                  |
| <b>Gene Name</b>           | SLC6A19                                                                                                                                                                                                                         |
| <b>Gene Alias</b>          | B0AT1, FLJ20680, FLJ34635, HND                                                                                                                                                                                                  |
| <b>Gene Description</b>    | solute carrier family 6 (neutral amino acid transporter), member 19                                                                                                                                                             |
| <b>Omim ID</b>             | <a href="#">234500 608893</a>                                                                                                                                                                                                   |
| <b>Gene Ontology</b>       | <a href="#">Hyperlink</a>                                                                                                                                                                                                       |
| <b>Gene Summary</b>        | This gene encodes a system B(0) transmembrane protein that actively transports most neutral amino acids across the apical membrane of epithelial cells. Mutations in this gene result in Hartnup disorder. [provided by RefSeq] |
| <b>Other Designations</b>  | sodium-dependent amino acid transporter system B0 solute carrier family 6 (neurotransmitter transporter), member 19 solute carrier family 6, member 19 system B0 neutral amino acid transporter                                 |

## Disease

- [Genetic Predisposition to Disease](#)
- [Hypertension](#)