

Recombinant Full Length Human SLC6A11 Protein, GST-tagged

Cat. No. SLC6A11-6812HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Human SLC6A11 Full-Length ORF Protein (1-208 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 208 amino acids

Description Gamma-aminobutyric acid (GABA) is a major inhibitory neurotransmitter. GABAergic neurotransmission is terminated by the uptake of GABA into the presynaptic terminal and the surrounding astroglial cells by sodium-dependent transporters, such as SLC6A11.

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

Molecular Mass 49.4 kDa

AA Sequence MTAEKALPLGNGKAAEEARESEAPGGGCSSGGAAPARHPRVKRDKAVHERGHWN
NKVEFVLSVAGEIIGLGNVWRFPYLCYKNGGGAFILIPYVFFICCGIPVFFLETALGQF
TSEGGITCWRKVCPLFEGIGYATQVIEAHLNVYIIILAWAIFYLSNCFTTELPWATCG
HEWNTENCVEFQKLNVSNYSHVSLQNATSPVMEFWE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 SLC6A11 solute carrier family 6 (neurotransmitter transporter, GABA), member 11 [Homo sapiens]

Official Symbol SLC6A11

Synonyms SLC6A11; GAT3; GAT4; GAT-3;

Gene ID 6538

mRNA Refseq NM_014229

Protein Refseq NP_055044

MIM 607952

UniProt ID P48066

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA