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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

SLC1A2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00006506-T02

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

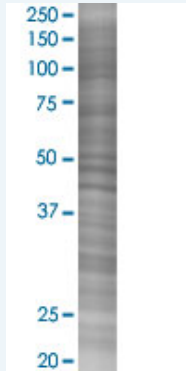
Plasmid: pCMV-SLC1A2 full-length

Host: Human

Theoretical MW (kDa): 62.1

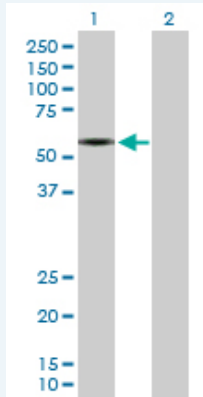
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-SLC1A2 antibody (H00006506-D01P) by Western Blots.

SDS-PAGE Gel



SLC1A2 transfected lysate.

Western Blot



Lane 1: SLC1A2 transfected lysate (62.10 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

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

MSDS:  [Download](#)

Applications

Western Blot

Gene Information

Entrez GeneID: [6506](#)

GeneBank Accession#: [NM_004171.2](#)

Protein Accession#: [NP_004162.2](#)

Gene Name: SLC1A2

Gene Alias: EAAT2, GLT-1

Gene Description: solute carrier family 1 (glial high affinity glutamate transporter), member 2

Omim ID: [600300](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a member of a family of solute transporter proteins. The membrane-bound protein is the principal transporter that clears the excitatory neurotransmitter glutamate from the extracellular space at synapses in the central nervous system. Glutamate clearance is necessary for proper synaptic activation and to prevent neuronal damage from excessive activation of glutamate receptors. Mutations in and decreased expression of this protein are associated with amyotrophic lateral sclerosis. Alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq]

Other Designations: excitatory amino acid transporter 2, excitotoxic amino acid transporter 2, glial high affinity glutamate transporter, glutamate/aspartate transporter II, sodium-dependent glutamate/aspartate transporter 2, solute carrier family 1, member 2

Gene Pathway

[Amyotrophic lateral sclerosis \(ALS\)](#)

Related Disease

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