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Datasheet for ABIN7489012

SLC1A2 Protein (DYKDDDDK Tag,His tag)

Overview

Quantity:	100 µg
Target:	SLC1A2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC1A2 protein is labelled with DYKDDDDK Tag,His tag.

Product Details

Purpose:	Human SLC1A2 Protein, Flag,His Tag (Detergent)
Sequence:	Ala 2 - Lys 574
Characteristics:	Human SLC1A2 Protein, Flag,His Tag is expressed from human 293 cells (HEK293). It contains AA Ala 2 - Lys 574 (Accession # P43004).
Purity:	90 %
Endotoxin Level:	1.0 EU per µg

Target Details

Target:	SLC1A2
Alternative Name:	SLC1A2 (SLC1A2 Products)
Background:	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

Target Details

necessary for proper synaptic activation and to prevent neuronal damage from excessive activation of glutamate receptors. Improper regulation of this gene is thought to be associated with several neurological disorders. Alternatively spliced transcript variants of this gene have been identified. [provided by RefSeq, Jun 2017]

Molecular Weight: 66.0 kDa

Pathways: [Dicarboxylic Acid Transport](#)

Application Details

Comment: This protein carries flag tag at the N-terminus and polyhistidine tag at the C-terminus. (Flag , 10xHis) The protein has a calculated MW of 66.0 kDa. The protein migrates as 55-116 KDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: 50 mM HEPES, 150 mM NaCl, DDM, CHS, pH 7.5

Storage: -80 °C

Storage Comment: -70°C