

Recombinant Human SLC1A3 protein, His-tagged

Cat. No. SLC1A3-3537H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC1A3 protein(471-542 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	471-542 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	VDWFLDRLRTTTNVLGDSL GAGIVEHLSRHELKNRDVEMGNSVIEENEMKKPYQLIA QDNETEKPIDSETKM
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name SLC1A3 solute carrier family 1 (glial high affinity glutamate transporter), member 3 [Homo sapiens]

Official Symbol SLC1A3

Synonyms SLC1A3; solute carrier family 1 (glial high affinity glutamate transporter), member 3; excitatory amino acid transporter 1; EA6; EAAT1; GLAST; glutamate transporter variant EAAT1ex9skip; GLAST-1; solute carrier family 1 member 3; sodium-dependent glutamate/aspartate transporter 1; GLAST1; FLJ25094;

Gene ID 6507

mRNA Refseq NM_001166695

Protein Refseq NP_001160167

MIM 600111

UniProt ID P43003

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