

Recombinant Human SLC1A4 protein, GST-tagged

Cat. No. SLC1A4-3761H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC1A4 protein(431-532 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	431-532 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	IAIILEAIGLPTHDLPLILAVDWIVDRTTTTVVNVEGDALGAGILHHLNQKATKKGEQELA EVKVEAIPNCKSEEETSPLVTHQNPAGPVASAPELESKESVL
Purity	85%, 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	SLC1A4 solute carrier family 1 (glutamate/neutral amino acid transporter), member 4 [Homo sapiens]
Official Symbol	SLC1A4
Synonyms	SLC1A4; solute carrier family 1 (glutamate/neutral amino acid transporter), member 4; neutral amino acid transporter A; alanine/serine/cysteine/threonine transporter; ASCT1; SATT; ASCT-1; solute carrier family 1 member 4; glutamate/neutral amino acid transporter; alanine/serine/cysteine/threonine transporter 1;
Gene ID	6509
mRNA Refseq	NM_001193493
Protein Refseq	NP_001180422
MIM	600229
UniProt ID	P43007

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