

Recombinant Human SLC2A12 protein, GST-tagged

Cat. No. SLC2A12-6754H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC2A12 protein(550-617 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	550-617 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	PETKGCSLEQISMELAKVNYVKNNICFMSHHQEELVPKQPQKRKPQEQLLEC�KLC GRGQSRQLSPET
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200

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μl sterile water to achieve a working concentration of 0.25 g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

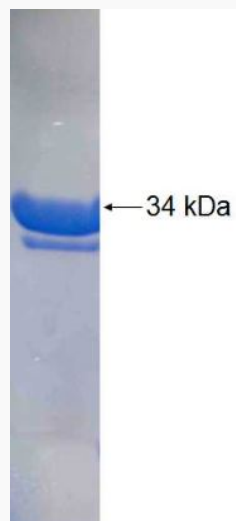
GENE INFORMATION

Gene Name	SLC2A12 solute carrier family 2 (facilitated glucose transporter), member 12 [Homo sapiens]
Official Symbol	SLC2A12
Synonyms	SLC2A12; solute carrier family 2 (facilitated glucose transporter), member 12; solute carrier family 2, facilitated glucose transporter member 12; GLUT8; GLUT12; GLUT-12; glucose transporter type 12;
Gene ID	154091
mRNA Refseq	NM_145176
Protein Refseq	NP_660159
MIM	610372
UniProt ID	Q8TD20

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SDS-PAGE

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