

Recombinant Human SLC2A6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SLC2A6-446H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SLC2A6 MS Standard C13 and N15-labeled recombinant protein (NP_060055) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Hexose transport into mammalian cells is catalyzed by a family of membrane proteins, including SLC2A6, that contain 12 transmembrane domains and a number of critical conserved residues.
Molecular Mass	54.5 kDa
AA Sequence	MQEPLLGAEGPDYDTFPEKPPPSPGDRARVGTLQNKRVFLATFAAVLGNFSFGYAL VYTSPVIPALERSLDPDLHLTKSQASWFGSVFTLGAAAGGLSAMILNDLLGRKLSIMF SAVPSAAGYALMAGAHGLWMLLLGRTLTFAGGLTAACIPVYVSEIAPPGVVRGALG ATPQLMAVFGSLSLYALGLLLPRWLAVAGEAPVLIMILLSSFMPNSPRFLLSRGRD EEALRALAWLRGTDVDVHWEFEQIQDNVRRQSSRVSWAEARAPHVCRPITVALLM RLLQQLTGITPILVYLQSIFDSTAVLLPPKDDAAIVGAVRLLSVLIAALTMDLAGRKVLL FVSAAIMFAANLTGLYIHFGPRPLSPNSTAGLESESWGDLAQPLAAPAGYLTLPVLL ATMLFIMGYAVGWGPITWLLMSEVLPLRARGVASGLCVLASWLTAFVLTKSFLPVVS TFGLQVPFFFFAAICLVSLVFTGCCVPETKGRSLEQIESFFRTGRRSFLRTRTRPLEQ KLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

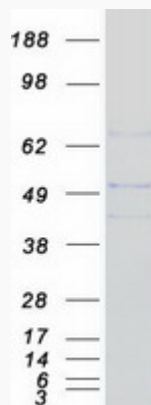
GENE INFORMATION

Gene Name	SLC2A6 solute carrier family 2 member 6 [Homo sapiens (human)]
Official Symbol	SLC2A6
Synonyms	SLC2A6; solute carrier family 2 (facilitated glucose transporter), member 6; solute carrier family 2, facilitated glucose transporter member 6; GLUT6; GLUT9; HSA011372; GLUT-6; GLUT-9; glucose transporter type 6; glucose transporter type 9
Gene ID	11182
mRNA Refseq	NM_017585
Protein Refseq	NP_060055
MIM	606813
UniProt ID	Q9UGQ3

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SDS-PAGE

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