

Recombinant Human SLC2A8 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SLC2A8-4128H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SLC2A8 MS Standard C13 and N15-labeled recombinant protein (NP_055395) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene belongs to the solute carrier 2A family, which includes intracellular glucose transporters. Based on sequence comparison, the glucose transporters are grouped into three classes and this gene is a member of class II. The encoded protein, like other members of the family, contains several conserved residues and motifs and 12 transmembrane domains with both amino and carboxyl ends being on the cytosolic side of the membrane. Alternatively spliced transcript variants have been described for this gene.
Molecular Mass	50.8 kDa
AA Sequence	MTPEDPEETQPLLGPFGGSAPRGRRVFLAAFAAALGPLSFGFALGYSSPAIPSLQRA APPAPRLDDAAASWFGAVVTLGAAAGGVLGGWLVDGRGRKLSLLCSVPFVAGFA VITAAQDVWMLLGGRLLTGLACGVASLVAPVYISEIAYPAVRGLLGSCVQLMVVVGIL LAYLAGWVLEWRWLAVLGCVPPLMMLLLMCFMPETPRFLLTQHRRQEAMAALRFL WGSEQGWEDPPIGAEQSFHLALLRQPGIYKPFIIIGVSLMAFQQLSGVNAVVMFYAETI FEEAKFKDSSLASVVVGVIQVLFTAVAALIMDRAGRRLLLVLSGVVMVFSTSAFGAYF

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KLTQGGPGNSSHVAISAPVSAQPVDASVGLAWLAVGSMCLFIAGFAVGWGPIPWLL
MSEIFPLHVKG VATGICVL TNWLM AFLVTKEFSSLMEVLRPYGAFWLASAF CIFS VLF
TLFCVPETKGKTLEQITAHFEGRTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 [SLC2A8 solute carrier family 2 member 8 \[Homo sapiens \(human\) \]](#)

Official Symbol [SLC2A8](#)

Synonyms SLC2A8; solute carrier family 2 (facilitated glucose transporter), member 8; solute carrier family 2 (facilitated glucose transporter) member 8; solute carrier family 2, facilitated glucose transporter member 8; GLUT8; GLUTX1; GLUT-8; glucose transporter X1; glucose transporter type 8; glucose transporter type X1;

Gene ID [29988](#)

mRNA Refseq [NM_014580](#)

Protein Refseq [NP_055395](#)

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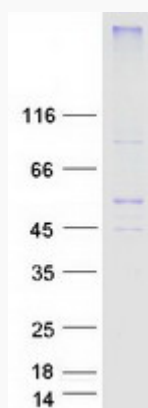
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MIM 605245

UniProt ID Q9NY64

SDS-PAGE



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