

Recombinant Full Length Human SLC2A5 Protein, C-Flag-tagged

Cat. No. SLC2A5-1600HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SLC2A5 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene is a fructose transporter responsible for fructose uptake by the small intestine. The encoded protein also is necessary for the increase in blood pressure due to high dietary fructose consumption.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	54.8 kDa
AA Sequence	MEQQDQSMKEGRLTLVLALATLIAAFGSSFQYGYNVAAVNSPALLMQQFYNETYYG RTGEFMEDFPLTLL WSVTVSMFPFGGFIGSLLVGPLVKNKFRKGALLFNNIFSIVPAI LMGCSRVSFELIISRLLVGICAG VSSNVVPMYLGELAPKNLRGALGVVPQLFITV GILVAQIFGLRNLLANVDGWPILLGLTGVPAAALQLLLL PFFPESPRYLLIQKKDEAAAK KALQTLRGWDSVDREVAEIRQEDEAEKAAGFISVLKLFMRSLRWQLLS IIVLMGGQ QLSGVNAIYYYADQIYLSAGVPEEHVQYVTAGTGAVNVVMTFCAVFVVELLGRLLLL LLGFS ICLIACCVLTAALALQDTVSWMPYISIVCVISYVIGHALGPSPIALLITEIFLQS SRPSAFMVGGSVHW LSNFTVGLIFPFIQEGLGPYSFIVFAVICLLTTIYIFLIVPETKAK TFIEINQIFTKMNVSEVYPEKEE

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LKELPPVTSEQTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	SLC2A5 solute carrier family 2 member 5 [Homo sapiens (human)]
Official Symbol	SLC2A5
Synonyms	GLUT5; GLUT-5
Gene ID	6518
mRNA Refseq	NM_003039.3
Protein Refseq	NP_003030.1

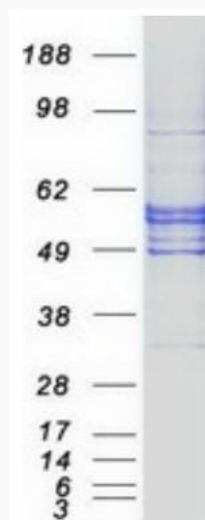
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MIM 138230

UniProt ID P22732



Coomassie blue staining of purified SLC2A5 protein.

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