

Recombinant Human SLC16A7, His-tagged

Cat. No. SLC16A7-2700H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC16A7 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-46aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	SLC16A7 solute carrier family 16, member 7 (monocarboxylic acid transporter 2) [Homo sapiens]
Official Symbol	SLC16A7
Synonyms	SLC16A7; solute carrier family 16, member 7 (monocarboxylic acid transporter 2); solute carrier family 16 (monocarboxylic acid transporters), member 7; monocarboxylate transporter 2; MCT2; MCT 2; solute carrier family 16 member 7;

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Gene ID	9194
mRNA Refseq	NM_004731
Protein Refseq	NP_004722
MIM	603654
UniProt ID	O60669
Chromosome Location	12q13
Pathway	Proton-coupled monocarboxylate transport, organism-specific biosystem; SLC-mediated transmembrane transport, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem; Transport of glucose and other sugars, bile salts and organic acids, metal ions and amine compounds, organism-specific biosystem;
Function	pyruvate secondary active transmembrane transporter activity; secondary active monocarboxylate transmembrane transporter activity; symporter activity;

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