

## Recombinant Human SLC16A7, His-tagged

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

### SPECIFICATION

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

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">SLC16A7 solute carrier family 16, member 7 (monocarboxylic acid transporter 2) [ Homo sapiens ]</a>
<b>Official Symbol</b>	SLC16A7
<b>Synonyms</b>	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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<b>Gene ID</b>	9194
<b>mRNA Refseq</b>	NM_004731
<b>Protein Refseq</b>	NP_004722
<b>MIM</b>	603654
<b>UniProt ID</b>	O60669
<b>Chromosome Location</b>	12q13
<b>Pathway</b>	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;
<b>Function</b>	pyruvate secondary active transmembrane transporter activity; secondary active monocarboxylate transmembrane transporter activity; symporter activity;

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