

## 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 <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

|                 |                                                                                                                                                                                                                                        |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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; |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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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