

# Recombinant Human SLC39A5, His-tagged

**Cat. No.** SLC39A5-2765H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SLC39A5 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>    | 23-215aa                                                                                                                                                             |
| <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>       | SLC39A5 solute carrier family 39 (metal ion transporter), member 5 [ Homo sapiens ]                                                                                                         |
| <b>Official Symbol</b> | SLC39A5                                                                                                                                                                                     |
| <b>Synonyms</b>        | SLC39A5; solute carrier family 39 (metal ion transporter), member 5; zinc transporter ZIP5; ZIP-5; zrt- and Irt-like protein 5; solute carrier family 39 member 5; ZIP5; LZT-Hs7; MGC34778; |

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|                            |                                                                                                                                                                                                                                                                 |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 283375                                                                                                                                                                                                                                                          |
| <b>mRNA Refseq</b>         | NM_001135195                                                                                                                                                                                                                                                    |
| <b>Protein Refseq</b>      | NP_001128667                                                                                                                                                                                                                                                    |
| <b>MIM</b>                 | 608730                                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>          | Q6ZMH5                                                                                                                                                                                                                                                          |
| <b>Chromosome Location</b> | 12q13.3                                                                                                                                                                                                                                                         |
| <b>Pathway</b>             | Metal ion SLC transporters, 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 orga |
| <b>Function</b>            | metal ion transmembrane transporter activity;                                                                                                                                                                                                                   |

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