

# Recombinant Human SLC28A2, GST-tagged

**Cat. No.** SLC28A2-2739H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SLC28A2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                       |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | 473-658aa                                                                                                                                                         |
| <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 100mM GSH and 1% Triton X-100, 15% glycerol. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | SLC28A2 solute carrier family 28 (sodium-coupled nucleoside transporter), member 2 [ Homo sapiens ]                                                                                                                                     |
| <b>Official Symbol</b> | SLC28A2                                                                                                                                                                                                                                 |
| <b>Synonyms</b>        | SLC28A2; solute carrier family 28 (sodium-coupled nucleoside transporter), member 2; sodium/nucleoside cotransporter 2; CNT2; HCNT2; HsT17153; SPNT1; SPNT; CNT 2; Na(+)/nucleoside cotransporter 2; solute carrier family 28 member 2; |

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|                            |                                                                                                                                                                                                                                                                 |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | concentrative nucleoside transporter 2; sodium-coupled nucleoside transporter 2; sodium/purine nucleoside co-transporter; FLJ21468; MGC138252;                                                                                                                  |
| <b>Gene ID</b>             | 9153                                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>         | NM_004212                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>      | NP_004203                                                                                                                                                                                                                                                       |
| <b>MIM</b>                 | 606208                                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>          | O43868                                                                                                                                                                                                                                                          |
| <b>Chromosome Location</b> | 15q15                                                                                                                                                                                                                                                           |
| <b>Pathway</b>             | SLC-mediated transmembrane transport, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem; Transport of nucleosides and free purine and pyrimidine bases across the plasma membrane, organism-specific biosyst |
| <b>Function</b>            | nucleoside binding; nucleoside:sodium symporter activity; purine nucleoside transmembrane transporter activity;                                                                                                                                                 |