

# Recombinant Full Length Human SLC29A2 Protein, GST-tagged

**Cat. No.** SLC29A2-6801HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SLC29A2 Full-Length ORF Protein (1-361 aa) is produced by Wheat Germ (in vitro) expression system. This protein is fused with a GST tag at the N-terminal.                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 361 amino acids                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | The uptake of nucleosides by transporters, such as SLC29A2, is essential for nucleotide synthesis by salvage pathways in cells that lack de novo biosynthetic pathways. Nucleoside transport also plays a key role in the regulation of many physiologic processes through its effect on adenosine concentration at the cell surface. |
| <b>Form</b>             | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                              |
| <b>Molecular Mass</b>   | 65.45 kDa                                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | MARGDAPRDSYHLVGISFFILGLGTLLPWNFFITAIPYFQARLAGAGNSTARILSTNHT<br>GPEDAFNFNHWVTLLSQLPLLLFTLLNSFLYQCVPETVRILGSLLAILLFALTAALVKV<br>DMSPGPFFSITMASVCFINSFSAVLQGSFLGQLGTMPSTYSTLFLSGQGLAGIFAALA<br>MLLAMASGVDAETSALGYFITPCVGILMSIVCYLSLPHLKFARYYLANKSSQAQAQEL                                                                                |

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ETKAELLQSDLADSAVPCVGLHSHPVRLPRHHSHGDQLHQSWEVESVLQPHLLLPP  
LQHHGLAGTEPDLLLPVARRGQPAAAPAGLPAVPVRAPLHAVPRAPEVPAAHPLPT  
GCLLHHLHAALCRF

**Applications**

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);  
Antibody Production; Protein Array

**Notes**

Best use within three months from the date of receipt of this protein

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

**Gene Name**

SLC29A2 solute carrier family 29 (nucleoside transporters), member 2 [ Homo sapiens ]

**Official Symbol**

SLC29A2

**Synonyms**

ENT2; DER12; HNP36

**Gene ID**

3177

**mRNA Refseq**

NM\_001532.2

**Protein Refseq**

NP\_001523.2

**MIM**

602110

**UniProt ID**

Q14542

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