

# Recombinant Full Length Human SLC29A1 Protein, GST-tagged

**Cat. No.** SLC29A1-6815HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SLC29A1 Full-Length ORF Protein (1-456 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>Protein Length</b>   | 456 amino acids                                                                                                                                                                                                                                                                                                                                     |
| <b>Description</b>      | Enables phosphatidylinositol phosphate binding activity and phosphatidylinositol-3,4-bisphosphate binding activity. Involved in intrinsic apoptotic signaling pathway in response to DNA damage by p53 class mediator; negative regulation of protein kinase B signaling; and positive regulation of apoptotic process. Located in plasma membrane. |
| <b>Form</b>             | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 76.6 kDa                                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | MTTSHQPQDRYKAVWLIFFMGLGLTLLPWNFFMTATQYFTNRLDMSQNVSLVTAEL<br>SKDAQASAAPAAPLPERNLSAIFNNVMTLCAMLPLLLFTYLNLSFLHQRIPQSVRILG<br>SLVAILLVFLITAILVKVQLDALPFFVITMIKIVLINSFGAILQGSLFGLAGLLPASYTAPIM<br>SGQGLAGFFASVAMICAIASGSELSAFAFGYFITACAVIILTIICYLGLPRLEFYRYQQ<br>LKLEGPGEQETKLDLISKGEEPRAGKEESGVSVSNSQPTNESHSIKAILKNISVLAFS                              |

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VCFIFTITIGMFPVAVTVEVKSSIAGSSTWERYFIPVSCFLT FNIFDWLGRSLTAVFMWP  
GKDSRWLPSLVLARLVFVPLLLLCNIKPRRYLT VVFEHDAWFIFFMAAFASFNGYLAS  
LCMCFGPKKVKPAEAEETAGAIMAFFLCLGLALGAVFSFLFRAIV

**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**

SLC29A1 solute carrier family 29 (nucleoside transporters), member 1 [ Homo sapiens ]

**Official Symbol**

SLC29A1

**Synonyms**

SLC29A1; ENT1; MGC1465; MGC3778;

**Gene ID**

2030

**mRNA Refseq**

NM\_001078174

**Protein Refseq**

NP\_001071642

**MIM**

602193

**UniProt ID**

Q99808

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