

# Recombinant Human SLC37A3 protein, His-tagged

**Cat. No.** SLC37A3-20H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SLC37A3 protein(218-307 aa), fused with N-terminal His tag, was expressed in E. coli.                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 218-307 aa                                                                                                                                                                                                                                                                          |
| <b>Tag</b>              | N-His                                                                                                                                                                                                                                                                               |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| <b>Purity</b>           | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                            |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.                                   |
| <b>Reconstitution</b>   | Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.<br>After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term                                      |

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storage.

**AA Sequence**

AGGIVIFFGLLVSPREEIGLSGIEAEENFEEDSHRPLINGGENEDEYEPNYSIQDDSSVA  
QVKAISFYQACCLPGVIPYSLAYACLKLVNY

**GENE INFORMATION**
**Gene Name**

SLC37A3 solute carrier family 37 (glycerol-3-phosphate transporter), member 3 [ Homo sapiens ]

**Official Symbol**

SLC37A3

**Synonyms**

SLC37A3; solute carrier family 37 (glycerol-3-phosphate transporter), member 3; sugar phosphate exchanger 3; DKFZp761N0624; solute carrier family 37 member 3; FLJ16367; MGC32939;

**Gene ID**

84255

**mRNA Refseq**

NM\_032295

**Protein Refseq**

NP\_115671

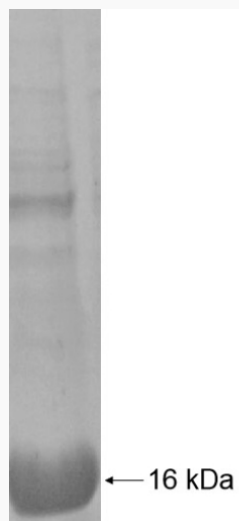
**UniProt ID**

Q8NCC5

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**SDS-PAGE**

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