

Recombinant Human SLC37A4 Protein (A2-E429), 8xHis-MBP, Flag tagged

Cat. No. SLC37A4-0569H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Human 8His-MBP-TEV-(GG)-SLC37A4(A2-E429)-Flag Protein was expressed in Insect cell. |
| Species | Human |
| Source | Insect Cells |
| ProteinLength | A2-E429 |
| Description | Inorganic phosphate and glucose-6-phosphate antiporter of the endoplasmic reticulum. Transports cytoplasmic glucose-6-phosphate into the lumen of the endoplasmic reticulum and translocates inorganic phosphate into the opposite direction. Forms with glucose-6-phosphatase the complex responsible for glucose production through glycogenolysis and gluconeogenesis. Hence, it plays a central role in homeostatic regulation of blood glucose levels. |
| Form | Liquid |
| Endotoxin | < 0.01 EU per µg of the protein |
| Purity | 90% |
| Stability | Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade. |

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|-------------------------|--|
| Storage | Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| Storage Buffer | Formulation: |
| Shipping | It is shipped out with blue ice. |
| GENE INFORMATION | |
| Gene Name | SLC37A4 solute carrier family 37 (glucose-6-phosphate transporter), member 4 [Homo sapiens (human)] |
| Official Symbol | SLC37A4 |
| Synonyms | SLC37A4; solute carrier family 37 (glucose-6-phosphate transporter), member 4; G6PT1, G6PT2, G6PT3, glucose 6 phosphatase, transport (glucose 6 phosphate) protein 1; glucose-6-phosphate translocase; GSD1b; GSD1c; GSD1d; glucose-5-phosphate transporter; solute carrier family 37 member 4; transformation-related gene 19 protein; microsomal glucose-6-phosphate transporter; glucose-6-phosphatase, transport (glucose) protein 3; glucose-6-phosphatase, transport (glucose-6-phosphate) protein 1; glucose-6-phosphatase, transport (phosphate/pyrophosphate) protein 2; G6PT1; G6PT2; G6PT3; TRG19; TRG-19; PRO0685; MGC15729; |
| Gene ID | 2542 |
| mRNA Refseq | NM_001164277 |
| Protein Refseq | NP_001157749 |
| MIM | 602671 |

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UniProt ID

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