

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

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

SPECIFICATION

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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