

Recombinant Mouse Slc25a10 Protein, His&GST-tagged

Cat. No. Slc25a10-2064M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Slc25a10 Protein (Ser7-Thr287) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ser7-Thr287
Description	Enables secondary active transmembrane transporter activity. Predicted to be involved in anion transport. Predicted to act upstream of or within mitochondrial transport. Located in mitochondrion. Is expressed in embryo and testis. Human ortholog(s) of this gene implicated in mitochondrial DNA depletion syndrome. Orthologous to human SLC25A10 (solute carrier family 25 member 10).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 61.1 kDa Accurate Molecular Mass: 61 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Slc25a10 solute carrier family 25 (mitochondrial carrier, dicarboxylate transporter), member 10 [*Mus musculus* (house mouse)]

Official Symbol

Slc25a10

Synonyms

Slc25a10; solute carrier family 25 (mitochondrial carrier, dicarboxylate transporter), member 10; Dic; mitochondrial dicarboxylate carrier; dicarboxylate ion carrier; solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 10; solute carrier family 25 member 10

Gene ID

27376

mRNA Refseq

NM_013770

Protein Refseq

NP_038798

UniProt ID

Q9QZD8

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