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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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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