

Recombinant Human SLC25A10 Protein, His&GST-tagged

Cat. No. SLC25A10-2065H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC25A10 Protein (Ser8-Ser287) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser8-Ser287
Description	This gene encodes a member of a family of proteins that translocate small metabolites across the mitochondrial membrane. The encoded protein exchanges dicarboxylates, such as malate and succinate, for phosphate, sulfate, and other small molecules, thereby providing substrates for metabolic processes including the Krebs cycle and fatty acid synthesis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 60.6 kDa Accurate Molecular Mass: 61 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

 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

Stability	The thermal stability is described by the loss rate. The loss rate was determined by 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 member 10 [Homo sapiens (human)]
Official Symbol	SLC25A10
Synonyms	SLC25A10; solute carrier family 25 member 10; DIC; MTDPS19; mitochondrial dicarboxylate carrier; dicarboxylate ion carrier; solute carrier family 25 (mitochondrial carrier; dicarboxylate transporter), member 10
Gene ID	1468
mRNA Refseq	NM_012140
Protein Refseq	NP_036272
MIM	606794
UniProt ID	Q9UBX3

 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