

## Recombinant Human SLC25A11 protein, His & T7-tagged

Cat. No. SLC25A11-1685H Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Human SLC25A11 aa. (Met1~Gly314 (Accession # Q02978)) fused with N-terminal His & T7 tag was produced in E. coli cells.   |
| <b>Species</b>          | Human   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | Met1~Gly314   |
| <b>Description</b>      | The oxoglutarate/malate carrier transports 2-oxoglutarate across the inner membranes of mitochondria in an electroneutral exchange for malate or other dicarboxylic acids (summary by Iacobazzi et al., 1992 [PubMed 1457818]). |
| <b>Form</b>             | Freeze-dried powder   |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 37.8kDa   |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)   |
| <b>Purity</b>           | >95%  |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP.  |
| <b>Stability</b>        | 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°C for 48h,   |

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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°C for one month. Aliquot and store at -80°C for 12 months.

**Storage buffer**

Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

**Reconstitution**

Reconstitute in sterile ddH<sub>2</sub>O.

**Isoelectric Point**

9.9

## GENE INFORMATION

**Gene Name**

[SLC25A11 solute carrier family 25 member 11 \[ Homo sapiens \(human\) \]](#)

**Official Symbol**

[SLC25A11](#)

**Synonyms**

SLC25A11; solute carrier family 25 member 11; OGC; SLC20A4; mitochondrial 2-oxoglutarate/malate carrier protein; OGCP; solute carrier family 20 (oxoglutarate carrier), member 4; solute carrier family 25 (mitochondrial carrier; oxoglutarate carrier), member 11

**Gene ID**

[8402](#)

**mRNA Refseq**

[NM\\_003562.4](#)

**Protein Refseq**

[NP\\_003553.2](#)

**UniProt ID**

[Q02978](#)

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