

## Recombinant Human SLC25A12 Protein (A2-Q678), 8×His-MBP, Flag tagged

**Cat. No.** SLC25A12-0689H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human 8His-MBP-TEV-(GG)-SLC25A12(A2-Q678)-Flag Protein was expressed in Insect cell.                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                         |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | A2-Q678                                                                                                                                                                                                                       |
| <b>Description</b>      | Mitochondrial and calcium-binding carrier that catalyzes the calcium-dependent exchange of cytoplasmic glutamate with mitochondrial aspartate across the mitochondrial inner membrane. May have a function in the urea cycle. |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                        |
| <b>Endotoxin</b>        | < 0.01 EU per µg of the protein                                                                                                                                                                                               |
| <b>Purity</b>           | 60%                                                                                                                                                                                                                           |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.                                                                                                                                     |
| <b>Storage</b>          | 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.                                                           |

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 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage Buffer**

Formulation:

**Shipping**

It is shipped out with blue ice.

## GENE INFORMATION

**Gene Name**

SLC25A12 solute carrier family 25 (aspartate/glutamate carrier), member 12 [ Homo sapiens (human) ]

**Official Symbol**

SLC25A12

**Synonyms**

SLC25A12; solute carrier family 25 (aspartate/glutamate carrier), member 12; solute carrier family 25 (mitochondrial carrier, Aralar), member 12; calcium-binding mitochondrial carrier protein Aralar1; Aralar; araceli hiperlarga; mitochondrial aspartate glutamate carrier 1; calcium binding mitochondrial carrier superfamily member Aralar1; AGC1; ARALAR;

**Gene ID**

8604

**mRNA Refseq**

NM\_003705

**Protein Refseq**

NP\_003696

**MIM**

603667

**UniProt ID**

O75746

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