

## Recombinant Human SLC25A11 Protein (A2-G314), 8xHis-MBP, Flag tagged

Cat. No. SLC25A11-0287H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human 8His-MBP-TEV-(GG)-SLC25A11(A2-G314)-Flag Protein was expressed in Insect cell.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	A2-G314
<b>Description</b>	Catalyzes the transport of 2-oxoglutarate across the inner mitochondrial membrane in an electroneutral exchange for malate or other dicarboxylic acids, and plays an important role in several metabolic processes, including the malate-aspartate shuttle, the oxoglutarate/isocitrate shuttle, in gluconeogenesis from lactate, and in nitrogen metabolism. Maintains mitochondrial fusion and fission events, and the organization and morphology of cristae. Involved in the regulation of apoptosis. Acts as a tumor-suppressor gene implicated in the predisposition to metastatic paraganglioma.
<b>Form</b>	Liquid
<b>Endotoxin</b>	< 0.01 EU per µg of the protein
<b>Purity</b>	80%
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -20 to -80

 Tel: 1-631-559-9269 1-516-512-3133

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

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

	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.
<b>Storage Buffer</b>	Formulation:
<b>Shipping</b>	It is shipped out with blue ice.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	SLC25A11 solute carrier family 25 (mitochondrial carrier; oxoglutarate carrier), member 11 [ Homo sapiens (human) ]
<b>Official Symbol</b>	SLC25A11
<b>Synonyms</b>	SLC25A11; solute carrier family 25 (mitochondrial carrier; oxoglutarate carrier), member 11; SLC20A4; mitochondrial 2-oxoglutarate/malate carrier protein; OGC; OGCP; solute carrier family 25 member 11; solute carrier family 20 (oxoglutarate carrier), member 4;
<b>Gene ID</b>	8402
<b>mRNA Refseq</b>	NM_001165417
<b>Protein Refseq</b>	NP_001158889
<b>MIM</b>	604165
<b>UniProt ID</b>	Q02978

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