

Recombinant Human SLC25A11 Protein (A2-G314), 8×His-MBP, Flag tagged

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

SPECIFICATION

Product Overview	Recombinant Human 8His-MBP-TEV-(GG)-SLC25A11(A2-G314)-Flag Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	A2-G314
Description	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.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	80%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80

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	centigrade.
Storage	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.
Storage Buffer	Formulation:
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	SLC25A11 solute carrier family 25 (mitochondrial carrier; oxoglutarate carrier), member 11 [Homo sapiens (human)]
Official Symbol	SLC25A11
Synonyms	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;
Gene ID	8402
mRNA Refseq	NM_001165417
Protein Refseq	NP_001158889
MIM	604165
UniProt ID	Q02978

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