

SLC25A46 Protein, Human (Sf9, His, MBP, FLAG)

Cat. No.:	HY-P702028
Synonyms:	SLC25A46; Mitochondrial outer membrane protein SLC25A46; Solute carrier family 25 member 46
Species:	Human
Source:	Sf9 insect cells
Accession:	Q96AG3 (H2-I418)
Gene ID:	91137
Molecular Weight:	

PROPERTIES

Appearance	Solution.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconstitution	Please use rapid thawing with running water to thaw the protein.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	SLC25A46, a transmembrane protein located in the mitochondrial outer membrane, plays a crucial role in governing mitochondrial organization. It is implicated in the regulation of the MICOS complex, essential for the biogenesis and dynamics of mitochondrial cristae—invaginations of the inner mitochondrial membrane. Additionally, SLC25A46 is associated with the EMC, indicating its potential involvement in modulating mitochondrial lipid homeostasis and influencing mitochondrial fission. The intricate interplay of SLC25A46 with these molecular complexes underscores its significance in orchestrating key aspects of mitochondrial structure and function.
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Caution: Product has not been fully validated for medical applications. For research use only.

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