

Human SLC25A4 Full-Length Bioactive Membrane Protein

HDFP015



Product Information

Product SKU:

HDFP015

Size:

10µg

Molecular Weight:

The human full length SLC25A4 protein has a MW of 33.1 kDa

Expression System:

HEK293

Uniprot:

P12235

Target:

SLC25A4

Antibody Information

Background:

The protein functions as a gated pore that translocates ADP from the cytoplasm into the mitochondrial matrix and ATP from the mitochondrial matrix into the cytoplasm. The protein forms a homodimer embedded in the inner mitochondria membrane. Mutations in this gene have been shown to result in autosomal dominant progressive external ophthalmoplegia and familial hypertrophic cardiomyopathy.

Description:

Human SLC25A4 full length protein-synthetic nanodisc

Protein Family:

Druggable Genome, Transmembrane

Protein Pathways:

Calcium signaling pathway, Huntington's disease, Parkinson's disease

Synonyms:

AAC1; ANT; ANT 1; ANT1; MTDPS12; MTDPS12A; PEO2; PEO3; PEOA2; T1

Storage:

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Usage:

Research use only

Form:

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.

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