



HDFP494

Product Information

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| Product SKU: | HDFP494 | Expression Host: | HEK293 | Size: | 50µg |
| Target: | SLC25A4 | Tag: | - | | |

Additional Information

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| Conjugate: | Unconjugated | Uniprot ID: | P12235 |
| Molecular Weight: | The human full length SLC25A4 protein has a MW of 33.1 kDa | | |

Protein 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.

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

Protein Description: Human SLC25A4 full length protein-MNP

Formulation: Lyophilized from PBS. Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.

Protein Pathways: Calcium signaling pathway, Huntington's disease, Parkinson's disease.

Protein Families: Druggable Genome, Transmembrane.

Usage: Research use only

Storage & Shipping: 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.