

HUMAN SLC25A4 FULL LENGTH PROTEIN

目录: 11015

产品名称: Human SLC25A4 Full Length Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: AAC1; ANT; ANT 1; ANT1; MTDPS12; MTDPS12A; PEO2; PEO3; PEOA2; T1

Target: SLC25A4

UNIPROT ID: P12235

描述: Human SLC25A4 full length protein-synthetic nanodisc

背景: 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.

Species/Host: HEK293

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

Formulation & Reconstitution: 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.

储存和运输: 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.

ELISA assay to evaluate SLC25A4-Nanodisc
0.2µg Human SLC25A4-Nanodisc per well

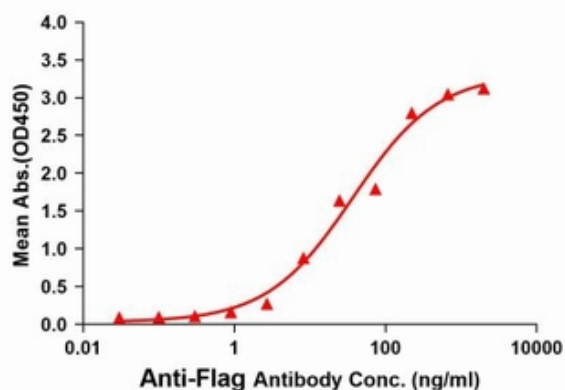


Figure1. Elisa plates were pre-coated with Flag Tag SLC25A4-Nanodisc (0.2 µg/per well). Serial diluted Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for Flag monoclonal antibody binding with SLC25A4-Nanodisc is 36.85ng/ml.



Figure2. Human SLC25A4-Nanodisc, Flag Tag on SDS-PAGE