

## HUMAN SLC25A4 FULL LENGTH PROTEIN

货号: 11015

产品全名: 人 SLC25A4 Full Length 蛋白

规格: 10/50/100 µg

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

目标蛋白: SLC25A4

**UNIPROT ID:** P12235

**描述:** 人 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.

**物种/宿主:** HEK293

**分子量:** 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

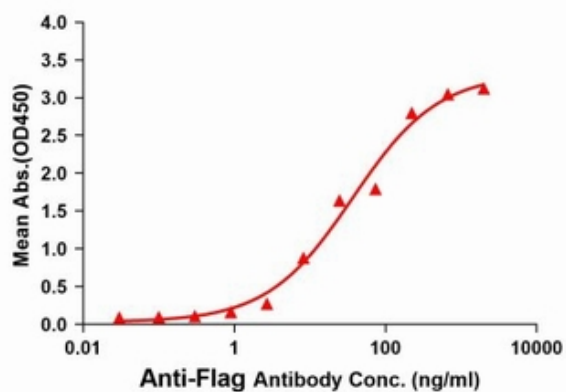


Figure1. Elisa plates were pre-coated with Flag Tag SLC25A4-Nanodisc (0.2 µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with SLC25A4-Nanodisc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



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