

HUMAN TM4SF1 FULL LENGTH PROTEIN

目录: 12231

产品名称: Human TM4SF1 Full Length Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: M3S1; TAAL6

Target: TM4SF1

UNIPROT ID: P30408

描述: Human TM4SF1 full length protein membrane nanoparticles (MNP)

背景: The protein is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface antigen and is highly expressed in different carcinomas.

Species/Host: HEK293

Molecular Weight: The human full length TM4SF1 protein has a MW of 21.6 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.

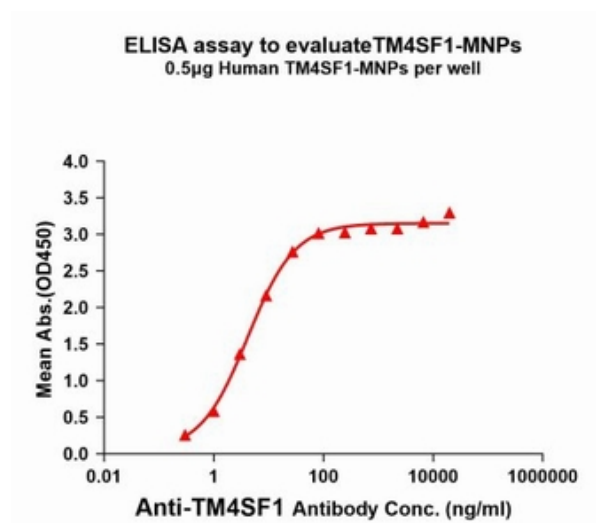


Figure1. Elisa plates were pre-coated with 0.5 µg/per well purified human TM4SF1 full length membrane nanoparticles. Serial diluted TM4SF1 monoclonal antibody (28151) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for TM4SF1 monoclonal antibody binding with TM4SF1 full length membrane nanoparticles is 4.174ng/ml.

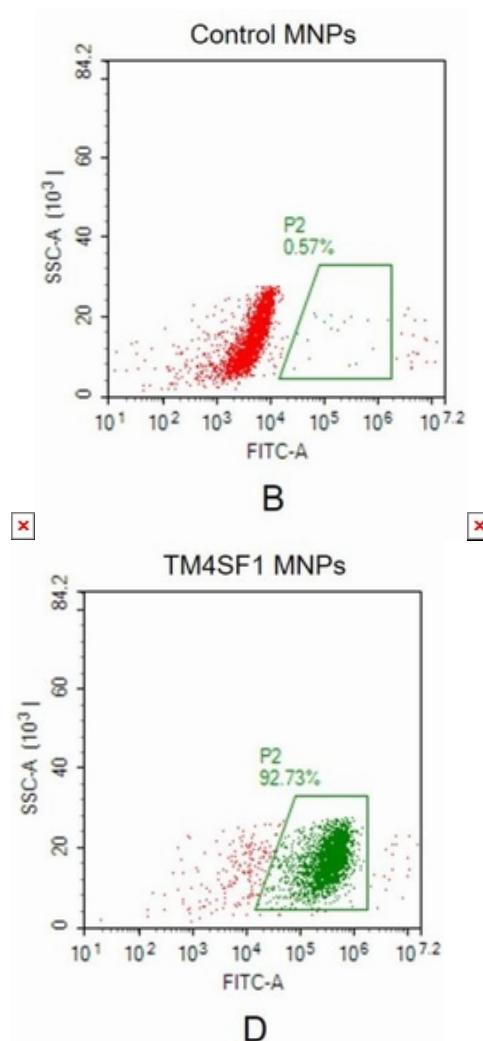


Figure2. FACS analysis of TM4SF1 MNPs A. Negative Control 1: TM4SF1 full length membrane nanoparticles samples were stained only with Goat human IgG 488 secondary antibody. B. Negative Control 2: Control membrane nanoparticles samples were stained with TM4SF1 antibody (28151) at 2µg/ml, followed by Goat human IgG 488 secondary antibody. C. Negative Control 3: TM4SF1 full length membrane nanoparticles samples were stained with CCR8 antibody (an irrelevant antibody) at 2µg/ml, followed by Goat human IgG 488 secondary antibody. D. TM4SF1 full length membrane nanoparticles samples were stained with TM4SF1 antibody (28151) at 2µg/ml, followed by Goat human IgG 488 secondary antibody.

