HUMAN TMCC3 FULL LENGTH PROTEIN

Cat.#: 11082
Product Name: Human TMCC3 Full Length Protein
Size : 10 µg; 50 µg and 100 µg
Synonyms: N/A
Target: TMCC3
UNIPROT ID: Q9ULS5
Description: Human TMCC3 Full Length Protein-Synthetic Nanodisc
Background: This protein belongs to the the transmembrane and coiled-coil domain (TMCC) family, which shares common structural motifs (two transmembrane domains and two coiled-coil domains). TMCC3 was isolated as a novel gene isolated from human brain, and later became known as a novel gene up-regulated in the developing brain, especially in the ventral tegmentum. There is no resolved structure or defined function.
Species/Host: HEK293
Molecular Weight: The human full length TMCC3 protein has a MW of 53.8 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.
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.
Protein Families: Transmembrane
Protein Pathways: N/A

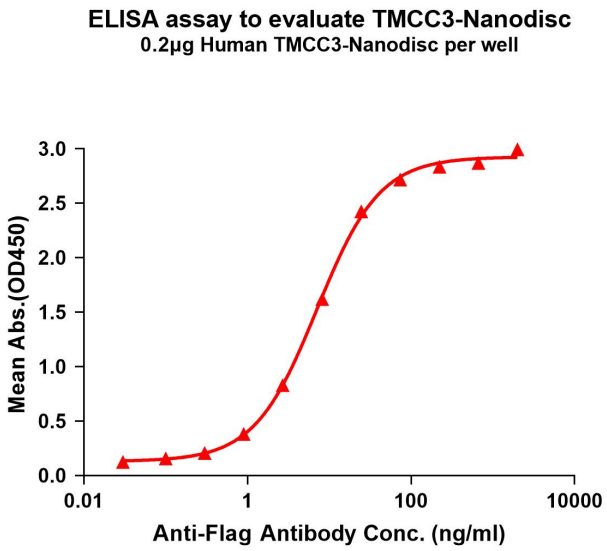

Figure 1. Elisa plates were pre-coated with Flag Tag TMCC3-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with TMCC3-Nanodisc is 7.101ng/ml.

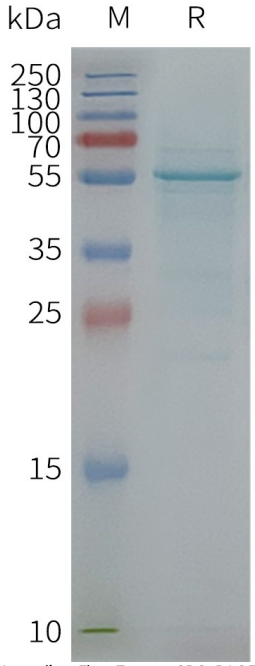

Figure 2. Human TMCC3-Nanodisc, Flag Tag on SDS-PAGE