HUMAN MFSD13A FULL LENGTH PROTEIN

Cat.#: 11087
Product Name: Human MFSD13A Full Length Protein
Size : 10 µg, 50 µg and 100 µg
Synonyms: bA18I14.8; C10orf77; TMEM180
Target: MFSD13A
UNIPROT ID: Q14CX5
Description: Human MFSD13A full length protein-synthetic nanodisc
Background: MFSD13A, also called Transmembrane protein 180 (TMEM180), is a transmembrane protein that belongs to the glycoside-pentoside-hexuronide (GPH):cation symporter family. Members of this family catalyze symport of a sugar molecule with a monovalent cation (H or Na). MFSD13A is classified as a member of the cation symporter family and a multi-pass membrane protein, but little information is available regarding its substrate and topology.
Species/Host: HEK293
Molecular Weight: The human full length MFSD13A protein has a MW of 57.4 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.

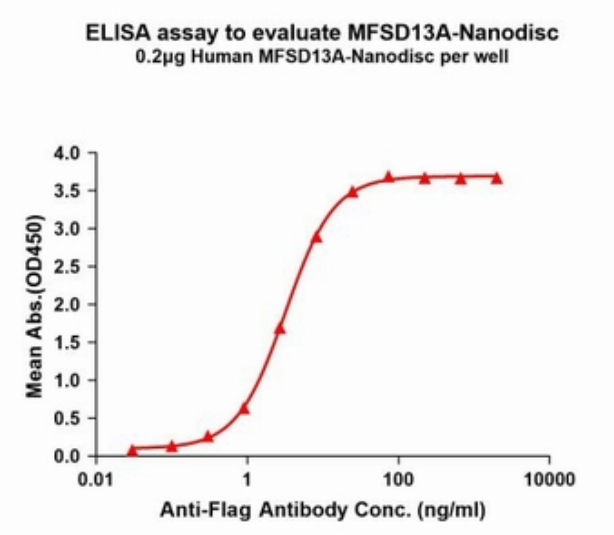

Figure1. Elisa plates were pre-coated with Flag Tag MFSD13A-Nanodisc (0.2 μg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with MFSD13A-Nanodisc is 3.192ng/ml.

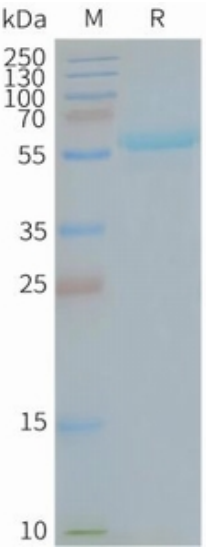

Figure2. Human MFSD13A-Nanodisc, Flag Tag on SDS-PAGE