## PRODUCT INFORMATION

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|---|---|
| **Tag** | C-Flag&Strep Tag |
| **Target** | MFSD13A |
| **Synonyms** | bA18I14.8; C10orf77; TMEM180 |
| **Description** | Human MFSD13A-Strep full length protein-synthetic nanodisc |
| **Delivery** | 6~8weeks |
| **Uniprot ID** | Q14CX5 |
| **Expression Host** | HEK293 |
| **Protein Families** | Transmembrane |
| **Protein Pathways** | N/A |
| **Molecular Weight** | The human full length MFSD13A-Strep 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. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments. |
| **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. |
| **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. |
| **Usage** | Research use only |
| **Conjugate** | Unconjugated |



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