

## HUMAN ESYT1 FULL LENGTH PROTEIN

**Cat.#:** 11058

**Product Name:** Human ESYT1 Full Length Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** FAM62A; MBC2

**Target:** ESYT1

**UNIPROT ID:** Q9BSJ8

**Description:** Human ESYT1 full length protein-synthetic nanodisc

**Background:** Binds glycerophospholipids in a barrel-like domain and may play a role in cellular lipid transport (By similarity). Binds calcium (via the C2 domains) and translocates to sites of contact between the endoplasmic reticulum and the cell membrane in response to increased cytosolic calcium levels. Helps tether the endoplasmic reticulum to the cell membrane and promotes the formation of appositions between the endoplasmic reticulum and the cell membrane.[UniProtKB/Swiss-Prot Function]

**Species/Host:** HEK293

**Molecular Weight:** The human full length ESYT1 protein has a MW of 122.9 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.