

Recombinant Human ESYT2 Protein, Myc/DDK-tagged

Cat. No. ESYT2-01H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human family with sequence similarity 62 (C2 domain containing) member B (FAM62B) with a C-Myc/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
Description	Tethers the endoplasmic reticulum to the cell membrane and promotes the formation of appositions between the endoplasmic reticulum and the cell membrane. Binds glycerophospholipids in a barrel-like domain and may play a role in cellular lipid transport. Plays a role in FGF signaling via its role in the rapid internalization of FGFR1 that has been activated by FGF1 binding; this occurs most likely via the AP-2 complex.
Molecular Mass	98.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

GENE INFORMATION

Gene Name [ESYT2 extended synaptotagmin 2 \[Homo sapiens \(human\) \]](#)

Official Symbol [ESYT2](#)

Synonyms

ESYT2; extended synaptotagmin 2; E-Syt2; FAM62B; CHR2SYT; extended synaptotagmin-2; chr2 synaptotagmin; extended synaptotagmin like protein 2; extended synaptotagmin protein 2; family with sequence similarity 62 (C2 domain containing), member B

Gene ID [57488](#)

mRNA Refseq [NM_020728](#)

Protein Refseq [NP_065779](#)

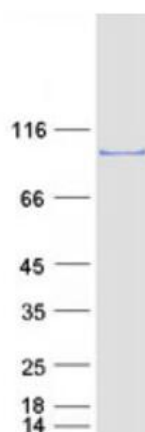
MIM [616691](#)

UniProt ID [A0FGR8](#)

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SDS-PAGE

Coomassie blue staining of purified ESYT2 protein. The protein was produced from HEK293T cells transfected with ESYT2 cDNA clone using MegaTran 2.0.

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