Recombinant Mouse Esyt2 Protein, Myc/DDK-tagged

Cat. No. Esyt2-2877M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length extended synaptotagmin-like protein 2 (Esyt2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
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. Promotes the localization of SACM1L at endoplasmic reticulum-plasma membrane contact sites (EPCS).
Molecular Mass	94.6 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 after receiving vials.
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-like protein 2 [Mus musculus (house mouse)]
Official Symbol	Esyt2
Synonyms	ESYT2; extended synaptotagmin-like protein 2; extended synaptotagmin-2; E-Syt2; chr2 synaptotagmin; family with sequence similarity 62, member B; family with sequence similarity 62 (C2 domain containing), member B; Fam62b; CHR2SYT; D12Ertd551e; 2410017M09Rik; 4921504I16Rik; KIAA1228
Gene ID	52635
mRNA Refseq	NM_028731
Protein Refseq	NP_083007
UniProt ID	Q3TZZ7

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