

## Product datasheet for TP511619

### Esyt1 (NM\_011843) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse extended synaptotagmin-like protein 1 (Esyt1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211619 representing NM_011843 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MEHSPEEGASPEPSGQPPATDSTRDGGSGVPPAGPGAASEALAVLTSFGRRLLVLPVYLAGAAGLSVGF  
VLFGLALYLGWRRVRDYGKERSLRAARQLLDDEERITAETLYMSHRELPAWVSFPDVEKAEWLNKIVAQVW  
PFLGQYMEKLLAETVAPAVRGANPHLQFTFTFTRVELGKPLRIIGVKVHPSQRKDQILLDLNVSIVGDVQ  
IDVEVKKYFCKAGVKGMQLHGVLRVILEPLTGDLPIVGAVSMFFIKRPTLDINWTGMTNLLDIPGLSSLS  
DTMIMDSIAAFLVLPNRLVPLVLDLQDVAQLRSPLPRGIIRIHLAARGLSSKDKYVKGLIEGKSDPYA  
LVRVGTQTFCSRVIDEELNPHWGETYEIVVHEVPGQEIEVEVFDKDPDKDDFLGRMKLDVGVKVLQAGVLD  
NWXPLQGGQGVHLRLEWLSLLPDAEKLDQVLQWNRGITSRPEPPSAILVWYLDRAQDLPLKKGKNEPN  
PMVQLSVQDVTRESKATYSTNSPWEEAFRFFLQDPRSQELDVQVKDDSRALTGALTLPLARLLTASEL  
TLDQWFQLSSSGPNSRLYMKLVMRILYLDYSEIRFPTVPGAQDWDRESLETGSSVDAPPRPYHTTNPNSHF  
GTENVLRIHVLEAQDLIAKDRFLGGLVKGKSDPYVVKLVAGKSFRTHTVREDLNPRWNEVFVIVTSIPG  
QELEIEVFDKDLDDKDFLGRYKVSLLTTLNSGFLDEWLTLEDVPSGRLHLRLERLTPRPTAAELEEVLQV  
NSLIQTQKSSELAALLSVFLERAEDLPLRKGTKPPSPYATITVGETSHKTKTVSQSSAPWWEESASFLI  
RKPHAESLELQVRGEGTGLGVSPLSELLQEDQLCLDHWFALSGQGQVLMRAQLGILVSQHSQVGEAHS  
HSYSHSHSSSLNDEPEALGGPHTHPASPVLEVRHRLTHGDSPEAPVGPGLGQVKTWVYHSDEQKLISII  
HSCRALRQNGRDLDPYVSVLLLDPKNRSTKRKTPQKKRTLNPENFERFEWDLPLDGLTRRKLDSVSKSN  
SSFMSRERELLGKVQLDLAEIDLSQGAQWYDLMDDRDKGGS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	122 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_035973</a>
<b>Locus ID:</b>	23943
<b>UniProt ID:</b>	<a href="#">Q3U7R1</a>
<b>RefSeq Size:</b>	3687
<b>Cytogenetics:</b>	10 D3
<b>RefSeq ORF:</b>	3276
<b>Synonyms:</b>	Fam62a; Mbc2; vp115
<b>Summary:</b>	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 (By similarity).[UniProtKB/Swiss-Prot Function]