

Product datasheet for TP518422

Esyt2 (NM_028731) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse extended synaptotagmin-like protein 2 (Esyt2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR218422 representing NM_028731 Red=Cloning site Green=Tags(s)

MSSAGGEGPEAGPGRAGGRSEPEAPGSALSVDLPGLLGQLARSFALLLPVYALGYLGLSFSWVLLALGLL
AWCRRSRGLKASRLCRALALLEDEEQAVRLGVRACDLPWVHFPDTERAEWLNKTVKHMWPFICQFIEKL
FRETIEPAVRGAN AHLSTFSFTKVDVGQQPLRVNGVKVYTENVDKRQIILDQISFVGNCEIDLEIKRYF
CRAGVKSIIHGTMRVILEPLIGDMPLVGALSIFFLRKPLLEINWTGLTNLLDIPGLNGLSDTIILDIIS
NYLVLPNRITVPLVSEVQIAQLRFPIPKGVLRHFIEAQDLQKDTYLGKLVKGS DPYGIIRVGNQIFQ
SKVIKENLSPKWNEVYEALVYEHGQLELEIFDEDPDKDDFLGSLMIDLIEVEKERLLDEWFTLDEVPK
GKLHLKLEWLT LMPDAANLDKVLADIRADKQASDGLSSALLILYLD SARNLPSGKKINSNP NPLVQMSV
GHKAQESKIRYKTSEPVWEENFTFFIHNPRRQDLEVEVKDEQHQC SLGSLRIPLS QLLTSDNMTINQRFQ
LSNSGPNSTLKMIALRVLHLEKQERPPDYQHS AQVKRPSVSKEGRKMPIKSQMSASPGTGGANTAPSTP
VMGVDDKPAMEEKQPPEASPLGHRDLGRSSSSLLASPSHIAAKEPTPSIASDISLP IATQELRQLRQL
ENGTTLGQSPLGQIQLTIRHSSQRNKLIMVVHSCRNLIAFSEDGSDPYVRMYLLPDKRRSGRRKTHVSKK
TLNPVFDQSFDFSVSLPEVQRRTLDVAVKNSGGFLSKDKLLGKVLVVLASEELAKGWTQWYDLTEDGTR
PQVIT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	94.6 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
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_083007</u>
Locus ID:	52635
UniProt ID:	<u>Q3TZZ7</u>
RefSeq Size:	5556
Cytogenetics:	12 62.65 cM
RefSeq ORF:	2535
Synonyms:	2410017M09Rik; 4921504I16Rik; CHR2SYT; D12Erttd551e; Fam62b
Summary:	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 (By similarity). [UniProtKB/Swiss-Prot Function]