

Product datasheet for **TP324839L**

FAM62B (ESYT2) (NM_020728) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human family with sequence similarity 62 (C2 domain containing) member B (FAM62B), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224839 representing NM_020728 Red =Cloning site Green =Tags(s)

MTPPSRAEAGVRRSRVPSEGRWRGAEPGGISASTQPASAGRAARHCGAMSGARGEGPEAGAGGAGGRAAP
ENPGGVLVELPGLLAQLARSFALLLPVYALGYLGLSFSWVLLALALLAWCRRSRGLKALRLCRALALLE
DEERVVRLGVRACDLPAAVWHFPDTERAEWLNKTKHMMWPFICQFIEKLFRETIEPAVRGANTHLSTFSFT
KVDVGQQPLRINGVKVYTENVDKRQIILDQLISFVGNCEIDLEIKRYFCRAGVKSIQIHGTMRVILEPLI
GDMPLVGALSIFFLRKPLLEINWTGLTNLLDVPGLNGLSDTIILDIIISNYLVLPNRRITVPLVSEVQIAQL
RFPVPKGVLRIFIEAQDLQKDYLYKGLVKGKSDPYGIIRVGNQIFQSRVIKENLSPKWNEVYEALVYE
HPGQLEIELFDEDPDKDDFLGSLMIDLIEVEKERLLDEWFTLDEVKPKGLHLRLEWLTMPNASNLDKV
LTDIKADKQANDGLSSALLILYLDARSARNLPSGKKISSNPNPVVQMSVGHKAQESKIRYKTNEPVWEENF
TFFIHNPKRQDLEVEVRDEQHQCPLGNLKVPLSQLTSEDMTVSQRFQLGNSGPNSTIKMKIALRVLHLE
KRERPPDHQHSQVVKRPSVSKEGRKTSIKSHMSGSPGPGGSNTAPSTPVIGGSDKPGMEEKAQPPEAGPQ
GLHDLGRSSSSLLASPGHISVKEPTPSIASDISLPIATQELRQRLRQLENGTTLGQSPLGQIQLTIRHSS
QRNKLIVVHACRNLIASFSEDGSDPYVRMYLLPKRRSGRRKTHVSKKTLNPFVDFQSFDFSVSLPEVQRR
TLDVAVKNSGGFLSKDKGLLGKVLVALASEELAKGWTQWYDLTEDGTRPQAMT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

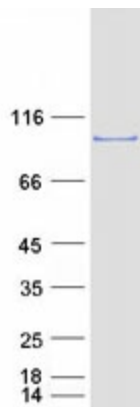
Tag:	C-Myc/DDK
Predicted MW:	98.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



[View online »](#)

Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
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:	NP_065779
Locus ID:	57488
UniProt ID:	A0FGR8
RefSeq Size:	5956
Cytogenetics:	7q36.3
RefSeq ORF:	2679
Synonyms:	CHR2SYT; E-Syt2; 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.[UniProtKB/Swiss-Prot Function]
Protein Families:	Transmembrane

Product images:



Coomassie blue staining of purified ESYT2 protein (Cat# [TP324839]). The protein was produced from HEK293T cells transfected with ESYT2 cDNA clone (Cat# [RC224839]) using MegaTran 2.0 (Cat# [TT210002]).