

## Product datasheet for **TP324839M**

### 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), 100 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC224839 representing NM\_020728  
**Red**=Cloning site **Green**=Tags(s)

MTPPSRAEAGVRRSRVPSEGRWRGAEPPISTQPASAGRAARHCGAMSGARGEGPEAGAGGAGGRAAP  
ENPGGVLSVELPGLLAQLARFALLLPVYALGYLGLSFSWVLLALALLAWCRRSRGLKALRLCRALALLE  
DEERVVRLGVRACDLPAAVHFPDTERAEWLNKTVKHMWPFICQFIEKLFRETIEPAVRGANTHLSTFSFT  
KVDVGQQPLRINGVKVYTENVDKRQIILDQLISFVGNCEIDLEIKRYFCRAGVKSIQIHGTMRVILEPLI  
GDMPLVGALSIFFLRKPLLEINWTGLTNLLDVPGLNGLSDTIILDIIISNYLVLPNTRITVPLVSEVQIAQL  
RFPVPKGVLRIFIEAQDLQKDYLYKGLVKGKSDPYGIIRVGNQIFQSRVIKENLSPKWNEVYEALVYE  
HPGQLEIELFDEDPDKDDFLGSLMIDLIEVEKERLLDEWFTLDEVKPKGLHLRLEWTLMPNASNLDKV  
LTDIKADKQANDGLSSALLILYLDARSARNLPSGKKISSNPNPVVQMSVGHKAQESKIRYKTNEPVWEENF  
TFFIHNPKRQDLEVEVRDEQHQCPLGNLKVPLSLLTSEDMTVSQRFQLGNSGPNSTIKMKIALRVLHLE  
KRERPPDHQSAQVKRPSVSKEGRKTSIKSHMSGSPGPGGSNTAPSTPVIGGSDKPGMEEKAQPPEAGPQ  
GLHDLGRSSSSLLASPGHISVKEPTPSIASDISLPIATQELRQRLRQLENGTTLGQSPLGQIQLTIRHSS  
QRNKLIVVHACRNLIASFSEDGSDPYVVMYLLPKRRSGRRKTHVSKKTLNPVFDQSFDFSVSLPEVQRR  
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.



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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.
<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_065779</a>
<b>Locus ID:</b>	57488
<b>UniProt ID:</b>	<a href="#">A0FGR8</a>
<b>RefSeq Size:</b>	5956
<b>Cytogenetics:</b>	7q36.3
<b>RefSeq ORF:</b>	2679
<b>Synonyms:</b>	CHR2SYT; E-Syt2; FAM62B
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).