

## Product datasheet for TP324839

### 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), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224839 representing NM_020728 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MTPPSRAEAGVRRSRVPSEGRWRGAEPPISTQPASAGRAARHCGAMSGARGEGPEAGAGGAGGRAAP  
ENPGGVLSVELPGLLAQLARSFALLLPVYALGYLGLSFSWVLLALALLAWCRRSRGLKALRLCRALALLE  
DEERVVRLGVRACDLPAAVWHFPDTERAEWLNKTKHMMWPFICQFIEKLFRETIEPAVRGANTHLSTFSFT  
KVDVGQQPLRINGVKVYTVNDKQIILDLQISFVGNCEIDLEIKRYFCRAGVKSIQIHGTMRVILEPLI  
GDMPLVGALSIFFLRKPLLEINWTGLTNLLDVPGLNGLSDTIILDIIISNYLVLPNRITVPLVSEVQIAQL  
RFPVPKGVLRIFIEAQDLQKDYTKGLVKGKSDPYGIIRVGNQIFQSRVIKENLSPKWNEVYEALVYE  
HPGQLEIELFDEDPDKDDFLGSLMIDLIEVEKERLLDEWFTLDEVKPKGLHLRLEWTLMPNASNLDKV  
LTDIKADKQANDGLSSALLILYLDARSNLPSSGKISSNPNPVVQMSVGHKAQESKIRYKTNEPVWEENF  
TFFIHNPKRQDLEVEVRDEQHQCPLGNLKVPLSQLLTSEDMTVSQRFQLGNSGPNSTIKMKIALRVLHLE  
KRERPPDHQHSQVKRPSVSKEGRKTSIKSHMSGSPGPGGSNTAPSTPVIGGSDKPGMEEKAQPPEAGPQ  
GLHDLGRSSSSLLASPGHISVKEPTPSIASDISLPIATQELRQRLRQLENGTTLGQSPLGQIQLTIRHSS  
QRNKLIVVHACRNLIASFEDGSDPYVRMYLLPKRRSGRRKTHVSKKTLNPVFDQSFDFSVSLPEVQRR  
TLDVAVKNSGGFLSKDKGLLGGKLVVALASEELAKGWTQWYDLTEDGTRPQAMT

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

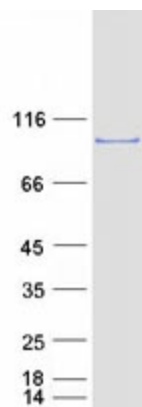
Tag:	C-Myc/DDK
Predicted MW:	98.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity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



[View online »](#)

<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]).