

Product datasheet for PH324839

FAM62B (ESYT2) (NM_020728) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ESYT2 MS Standard C13 and N15-labeled recombinant protein (NP_065779)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224839
Predicted MW:	98.7 kDa
Protein Sequence:	>RC224839 representing NM_020728 Red=Cloning site Green=Tags(s)

MTPPSRAEAGVRRSRVPESEGRWRGAEPPIISASTQPASAGRAARHCGAMSGARGEPEAGAGGAGGRAAP
ENPGGVLVELPGLLAQLARSFALLLPVYALGYLGLSFSWVLLALALLAWCRRSRGLKALRLCRALALLE
DEERVVRLGVRACDLPAWVHFPDTERAEWLNKTVKHMWPFICQFIEKLFRETIEPAVRGANTHLSTFSFT
KVDVGQQPLRINGVKVYTENVDKRQIILDQISFVGNCEIDLEIKRYFCRAGVKSIIQIHGTMRVILEPLI
GDMPLVGALSIFFLRKPLLEINWTGLTNLLDVPGLNGLSDTIILDIIISNYLVLPNRTVPLVSEVQIAQL
RFPVPGVLRIFIEAQDLQGDYLYKGLVKGKSDPYGIIRVGNQIFQSRVIKENLSPKWNEVVEALVYE
HPGQELEIELFDEDPKDDFLGSLMIDLIEVEKERLLDEWFTLDEVKPKGLHLRLEWLTMPNASNLDKV
LTDIKADKQDANDGLSSALLILYLD SARNLPSGKKISSNPNPVVQMSVGHKAQESKIRYKTNEPVVEENF
TFFIHNPKRQDLEVEVRDEQHQCPLGNLKVPLSLLTSEDMTVSQRFQLGNSGPNSTIKMKIALRVLHLE
KRERPPDHQSAQVKRPSVSKEGRKTSIKSHMSGSPGGGNTAPSTPVIIGGSDKPGMEEKAQPPEAGPQ
GLHDLGRSSSSLLASPGHISVKEPTPSIASDISLPIATQELRQRLRQLENGTTLGQSPLGQIQLTIRHSS
QRNKLIVVVHACRNLIASFSEDGSDPYVRMYLLPDKRRSRRKTHVSKKTLNPVFDQSFDFSVSLPEVQRR
TLDVAVKNSGGFLSKDKGLLGKVLVALASEELAKGWTQWYDLTEDGTRPQAMT

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

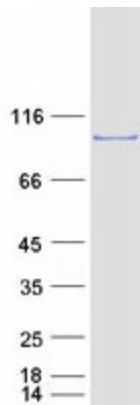
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



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RefSeq:	<u>NP_065779</u>
RefSeq Size:	5956
RefSeq ORF:	2679
Synonyms:	CHR2SYT; E-Syt2; FAM62B
Locus ID:	57488
UniProt ID:	<u>A0FGR8</u>
Cytogenetics:	7q36.3
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]).