

Product datasheet for PH301380

FAM62A (ESYT1) (NM_015292) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ESYT1 MS Standard C13 and N15-labeled recombinant protein (NP_056107)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201380
Predicted MW:	122.9 kDa
Protein Sequence:	>RC201380 protein sequence Red=Cloning site Green=Tags(s)

MERSPGEGPSPSPMDQPSAPSDPTDQPPAAHAKPDGSGGQPAGPGAAGEALAVLTSFGRRLLVLIIPVYL
AGAVGLSVGFVLFGLALYLGWRRVRDEKERSLRAARQLLDDEEQLTAKTLYMSHRELPAWVSFPDVEKAE
WLNKIVAQVWPFLGQYMEKLLAETVAPAVRGSNPFLQTFTRVELGEKPLRIIGVKVHPGQRKEQILLD
LNI SYVGDVQIDVEVKKYFCKAGVKGMQLHGVLRVILEPLIGDLPFVGVSMFFIRRPTLDINWGTMTNL
LDIPGLSSLSDTMIMDSIAAFLVLPNRLVPLVPLDQVAQLRSPLPRGIIRIHLAARGLSSKDKYVKG
LIEGKSDPYALVRLGTQTFCSRVIDEELNPQWGETYEMVHEVPGQEIEVEVFDKDPDKDDFLGRMKLDV
GKVLQASVLDWDFPLQGGQGVHLRLEWLSLLSDAEKLEQVLQWNWGVSSRPDPPSAAIILVVYLDRAQDL
PLKKGKNEPNMVQLSIQDVTQESKAVYSTNCPWEEAFRFFLQDPQSQELDVQVKDDSRALTLGALTLP
LARLLTAPELILDQWFQLSSSGPNSRLYMKLVMRILYLDSEICFPTVPGCPGAWDVSENPQRGSSVDA
PPRPCHTTPDSQFGTEHVLRIHVLEAQLDIAKDRFLGGLVKGKSDPYVKLKLAGRSFRSHVVREDLNPRW
NEVFEVIVTSVPGQEELEVEVFDKDLKDDFLGRCKVRLTTVLSNGFLDEWL TLEDVPSGRHLRLRLTP
RPTAAEEELVQVNSLIQTQKSAELAAALLSIYMERAEADLPLRKGTKHLSPYATLTVGDSSHKTITISQT
SAPVWDESASFIRKPHTESLELQVRGEGTVLGSLSLPLSELLVADQLCLDRWFTLSSGQGVLLRAQL
GILVSQHSQVGAHSHSYSHSSSSLSEPELSSGPPHITSSAPELRQRLTHVDSPLEAPAGPLGQVKLTWL
YYSEERKLVSIHGCRLRQNGRDPDPYVSLLLLPDKNRGTRRRTSQKKRTLSPFNRFWELPLDEA
QRRKLDVSVKSNSSFMSRERELLGKVQLDLAETDLSQGVARWYDLMNKKDKGSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

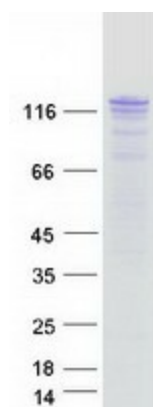
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3



[View online »](#)

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.
RefSeq:	NP_056107
RefSeq Size:	4255
RefSeq ORF:	3312
Synonyms:	FAM62A; MBC2
Locus ID:	23344
UniProt ID:	Q9BSJ8 , A0A024RB17
Cytogenetics:	12q13.2
Summary:	Binds glycerophospholipids in a barrel-like domain and may play a role in cellular lipid transport (By similarity). Binds calcium (via the C2 domains) and translocates to sites of contact between the endoplasmic reticulum and the cell membrane in response to increased cytosolic calcium levels. Helps tether the endoplasmic reticulum to the cell membrane and promotes the formation of appositions between the endoplasmic reticulum and the cell membrane.[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified ESYT1 protein (Cat# [TP301380]). The protein was produced from HEK293T cells transfected with ESYT1 cDNA clone (Cat# [RC201380]) using MegaTran 2.0 (Cat# [TT210002]).