

Product datasheet for SC123563

FAM62B (ESYT2) (BC022342) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM62B (ESYT2) (BC022342) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM62B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene sequence for BC022342 edited</p> <pre> CTATATGATCTTTTGTGCTGGCTTCTTTTGGCATGATGTTTTGAATTTTATCCAGTT GCAGCATGTACCAGTGTCTTCATTCTTTTTTATTGTCCAATAGTATTTTCATTCTATGGAT GTCACATTTTGTATCCATTCATGAGATGATGATGGACATTTGGATTATTTCTACTTTT CAGCTAATTATGAATAACTGCCTATGAACATTTATGTTCAAGTCTGCGTGGATATGTT TTTAGGACTTGCTGGCCATATGGTAAATTTATGTTCTAAGAACTGGCAGTGTTTATAA GGGCTCAAGTCGTTTTGTGTGTTTTGAGATGGGGTCTCACTCTGTCAACCAGGCTAGAG TGCAGTGGTGTGATCTTGGCTCACTGCAACCTCCACCTCCCTGGCTCAAGCAATCCTCCC ATCTTAGCCTCCCTAGTGGCTGGGATTATAGGCGTGGCCACCACCATGCCTGATTAATT TTTGTATTTTTGTAGAAATGGGGTTTCGCCGTGTGCCAGGCTACTCTTGAACCTCTG GGTTCAGTGAAGTAGTCTGCCTGCCTCGCTTCCCAAAGTGTGGAATTACAGGTGTGAT CCACCACCTGACCAGGCTCGAGTTTCTCCATATCCTCCTCAACGTTTGTACTCTTT TTTATTATAGCCATACTAGTGGATATAGGGTATCTCGTTGTAGTTTTGATTGGCATTTC CTAATAATTACTGATGTTGAGCATCTCTTGCTTAAGGCCATTTGTTTATTGTCTGTAG TGAAATGTTTATCAAATCTTTTGCCATTTTTAAAAGGGGGTTGGTTATTCGTTAAACA GAATTCATTACTCTAGACATAAAGTCTCATCAGATTTTTTCTCCTATTCTGTGACTTTCT CAGTAGTATCTTTGAAGCGTTTACTTTTTGATGAAGTCTATTTATCATTTTTAAAAAT TGCTTTTGCAGTTTTATGGTTATCTAAGAAACATTGCCTAATTAAGGTAATGAAAAAT ACTCGTACGTTTTAAGAGTTTTATAATTTTGGCTCCTACATTTAGGTCTGTGATCTATAT TGTTTTGTTTATAGTGAGAGTAAGGGTATAATTTATCTTTTTGCATGTGGGTGTGTGAT TATCCAGCACCTTTTATTGAAAAGACTGTCCCTTCCCTATTGAATTGCCGTAGCATCTT ATGAAAATCAATTGACCATAAATAAAGGGTTATTTCCGGATTCTGAGTTCTCTTTTGT TCTGTAGGTGATCCTTCATGCTAATACTGCACGTCTTACTGACTGTAGCTTTATAGTG AATTTTGAATTTGGAATTATAAGCCCTCTAACTTTTTTCAGGAATGTTTTGACTATGCCG GGTCTGTACAGTTCCATACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA </pre>



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC022342 unedited CGCTGATTTGAAAACCACTTTCTTAGGCGGCCGAGACATTGCCATTACGGCCGGGCTAT ATGATCTTTTGTGTCTGGCTTCTTTTGGCATGATGTTTTGAATTTTATCCACGTTGCAG CATGTACCAGTGCTTTCATTCTTTTTATTGTCCAATAGTATTTTCATTCTATGGATGTCA CATTTTGTATCCATTCATGAGATGATGATGGATTTTGGATTATTTCTACTTTTCAGC TAATTATGAATAATACTGCCTATGAACATTTATGTTCAAGTCTGCGTGGATATGTTTTTA GGACTTGCTGGCCATATGGTAAATTTATGTTCTAAGAACTGGCAGTGTTTATAAAGGC TCAAGTCGTTTTGTGTGTTTTGAGATGGGGTCTCACTCTGTCAACCAGGCTAGAGTGCA GTGGTGTGATCTTGGCTCACTGCAACCTCCACCTCCCTGGCTCAAGCAATCCTCCCATCT TAGCCTCCCTAGTGGCTGGGATTATAGCGTGCGCCACCACCATGCCTGATTAATTTTTG TATTTTTGTAGAAATGGGGTTTCGCCGTGTGCCAAGCTACTCTTGAACCTCTGAGTT CAGTGAAGTAGTCTGCCTGCCTCGGCTTCCAAAGTGTGGTATTACAGGTGTGATCCAC CACACCTGACCAGGGCTCGAGTTTCTCCATATCCTCCTCAAACGTTGGTACCTCTTTGTT ATTATAGCCTTCTAGTGGATATAGGGATCTCGGTGCAGTTTTGATTGGCTTCTCCCTAA TATTTCTGATGTTGACCCTCTCTGGCCTTAAGGCCTTTGGTTTATTGGCTGTAGAAAA GGTTAATCAATCTTTGGCCCTTTTAAAAGGGGTGGTTTTTCGTTAACAAAATTCTTAC CTTAGACAAAATTCATAAAATTTTCCCATCCGGGAT
Restriction Sites:	Please inquire
ACCN:	BC022342
Insert Size:	1430 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC022342.1
RefSeq Size:	1430 bp
Locus ID:	57488
Cytogenetics:	7q36.3
Protein Families:	Transmembrane

Gene 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]