

Product datasheet for RN209164

Esyt1 (NM_017249) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Esyt1 (NM_017249) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Esyt1
Synonyms:	Fam62a; Mbc2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN209164 representing NM_017249 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGCGCTCCCCTGAAGAGGGCGCCGGCCCCGAGCCCTCAGGGCAGTCCCCGGCCACGGACTCCACGC
GGGAGCGGGACGGGGCTCTGGGGTCCCACCTGCCGGCCAGGTGCGGCGAGCGAGGCCCTGGCGGTGCT
GACTTCCTTCGGACGCCGCTTGTGGTGTGGTCCGGGTACCTGGCAGGGGCAGCGGGTCTTAGCGTG
GGTTTCGTGCTTTTCGGCCTCGCCCTCTACCTGGGCTGGCGCCGGTCCGCGACGGGAAAGAACGGAGCC
TGAGGGCAGCGAGGCAGCTGCTGGATGACGAGGAGCGGATCACGGCAGAAACGCTTTATATGAGCCATCG
GGAACCTACCTGCCTGGTTCAGCTTCCCAGATGTGAAAAGGCGGAGTGGCTGAATAAGATTGTGGTGCAG
GTATGGCCCTTCTAGGCCAATATATGGAGAAGCTTCTGGCTGAAACGGTAGCCCCAGCTGTCCGGGGAG
CTAACCCCATCTGCAAACCTTTCACATTTACTCGTGTGGAGTGGGTGAAAAGCCAGTAAGAATCATCGG
AGTCAAGGTTACCCTAGTCAGAGAAAAGATCAGATTCTACTGGACTTGAATGTCAGCTACGTGGGGGAC
CTACAGATTGATGTGGAAGTTAAAAAATACTTCTGCAAAGCCGGAGTCAAGGGCATGCAGCTCCACGGTG
TCTTGGCGGTGATTCTTGAGCCGCTCATAGGGGACCTTCTATCGTGGGGCAGTGCATGTTCTTTCAT
CAAACGCCGACACTTGACATCAACTGGACAGGGATGACCAACCTGCTGGATATCCAGGACTTAGCTCA
CTCTCTGACACGATGATCATGGACTCCATTGCTGCCTTCTTGTGCTCCCTAACCAGTGTGGTGCCTCC
TTGTGCCTGACCTTCAAGATGTGGCCAGCTGCGGTCCCCACTACCCAGGGGCATTATCCGGATTACCT
GCTGGCAGCCCGAGGTCTGAGTTCCAAGGACAAGTATGTGAAAGCCCTGATTGAGGGCAAATCGGATCCC
TATGCGCTTGTTCGAGTGGGCACCCAGACATTCTGCAGCCCGTTCATAGATGAGGAGCTCAACCCTCGT
GGGAGAGACGTATGAGGTGATAGTCCATGAAGTTCCAGGACAGGAGATCGAGGTGGAGGATTTTGACAA
GGATCCAGATAAAGATGACTTTCTGGGAAGAATGAAGCTGGACGTAGGGAAGGATTACAGGCTGGAGTC
CTGGATAATTGGTACCCTCTACAAGGTGGCAAGGCAAGTTCACCTTGGAGTTAGATGGCTATCACTTC
TACCAGATGCAGAAAAGCTGGATCAGGTTCTACAGTGGAATCGAGGCATCACTTCTCGGCCAGAGCCCC
GTCAGCTGCCATCCTTGTGTCTACTTGGATCGAGCCAGGATCTTCTCTGAAGAAAGGCAACAAGGAA
CCCAATCCCATGGTGCAACTGTCAGTTCAGGATGTGACCCAGGAGAGCAAGGCTACCTACAGCACCAACT



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GCCCAGTGTGGGAGGAGGCTTCCGATTCTTCCTGCAAGACCCTCGAAGCCAGGAGCTTGATGTGCAGGT
 GAAGGACGACTCCAGGGCCCTGACTTTAGGGGCCCTGACCCTCCCCCTTGCTCGCCTGTTGACTGCCTCT
 GAACTCACCTGGACCAGTGGTTCCAGCTCAGCAGCTCAGGCCAAACTCCAGGCTTACATGAACTGG
 TCATGCGGATCCTGTACTTAGATTCTCAGAAATGCGCTTGCCCACTGAGCCTGGTCCCAGGACTGGGA
 CAGTGAGAGTCCAGAGACAGGCAGCAGTGTGGATGCCCACTCGGCCCTACCACAGCACTAACAGC
 CACTTTGGGACTGAGAATGTTCTTCGGATCCATGTATTAGAAGCCAGGACCTAATTGCCAAGACCGTT
 TCTTGGGGGGCTGGTTAAGGGCAAATCAGACCCTACGTCAAAGTGAAGTGGCAGGAAGAAGTCTCCG
 GACCCACGTTGTTTCGGGAGGATCTCAATCCCCGCTGGAATGAGGTTTTGAGGTGATTGTACATCAATC
 CCTGGCCAAGAGCTTGACATTGAGGTCTTTGATAAGGACTTGGACAAGGATGACTTTTTGGGCAGGTATA
 AAGTGGGTCTCACCACAGTGCTCAACAGTGGCTTTCTTGATGAGTGGCTGACCCTGGAGGATGTCCCATC
 TGGGGCCTGCACCTGCGCCTGGAGCGTCTGAGCCCCAGACCGACTGCTGCTGAGTTAGAGGAGGTGCTG
 CAGGTGAACAGCCTGATCCAGACCCAGAAGAGCTCAGAGCTGGCGGCAGCCCTGCTGTCTGTCTACTTGG
 AGCGCTCAGAAGATCTGCCGCTCCGAAAAGGAACCAAGCCTCCCAGTCTTATGCTATTCTAACCGTGGG
 AGAGACATCCATAAAAATAAGACTGTCTCCAGACTTCAGCCCCATCTGGGAGGAGAGTGCTCCTTT
 CTCATCAGGAAGCCACATGCTGAGAGCCTGGAGCTGCAGGTTTCGGGTGAAGGGACAGGCACCTTGGGCT
 CCATATCCCTGCCTCTCTGAGCTCCTCAGGAAGAGCAACTCTGCCTGGACCGCTGGTTTGCACCTCAG
 CGTCCAGGTCAGGTGCTAATGAGAGTGCAGCTAGGGATCCTGGTATCCCAGCATTCCAGGAGTGGAGCC
 CACAGCCACAGCTCCTCCTCTCTCAATGAAGAGCCTGAGGTTTTAGGGGACCCCACTCACACCGCCTCCC
 CAGTCTTAGAGGTGAGGCATCGCCTGACACATGGTGACAGTCCCTCTGAGGCTTTGATTGGGCCCTGGG
 CCAGGTGAAGCTGACAGTGTGGTACCACAGTGCAGAACAGAAGCTGATCAGTATTATTCATAGCTGCCGG
 GCCCTTCGACAAAATGGACGTGATCTCCAGACCCCTATGTGTCAGTGTGCTGCTCCAGACAAGAACC
 GAGGCACCAAGAGGAAGACCTCACAGAAGAAGAGGACCCTCAATCCTGAGTTCAATGAGCGGTTTGAATG
 GGACTGCCCTGGATGGGACTTTAGGAGGAAGCTCGATGCTCTGTGAAGTCAAATCCTCCTTCATG
 TCAAGAGAGCGTGAGCTTCTGGGGAAGGTGCAGCTGGATCTAGCAGAGATAGACCTTTCCAGGGTGCAG
 CCCAGTGGTACGACCTGATAGATGACAGAGACAAGGGCGGTTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_017249

Insert Size:

3267 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:

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:

[NM_017249.2](#), [NP_058945.2](#)

RefSeq Size:	3820 bp
RefSeq ORF:	3267 bp
Locus ID:	29579
UniProt ID:	Q9Z1X1
Cytogenetics:	7q11
Gene Summary:	enriched in adipocyte plasma membranes and high density microsome fractions [RGD, Feb 2006]