

Product datasheet for SC111487

FAM113B (PCED1B) (NM_138371) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM113B (PCED1B) (NM_138371) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM113B
Synonyms:	FAM113B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_138371, the custom clone sequence may differ by one or more nucleotides

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ATGATCCTTCTGCGGGCCTCCGAAGTGCGGCAGCTGCTTACAATAAGTTCGTGGTCATCCTGGGGGACT
CTGTGCATAGGGCAGTATACAAGGACCTGGTGCTTCTGCTGCAGAAGGACCGCTGCTCACTCCCGGGCA
GCTTAGAGCAAGGGGGGAGCTGAACCTCGAACAAGATGAGCTGGTGGACGGAGGCCAGCGGGGCCACATG
CACAACGGCCTTAACCTACCGTGAGGTCCGCGAGTTCGGCTCCGACCACCATCTGGTACGTTTTTACTTCC
TCACCCGCGTGTACTCCGATTACCTCCAGACCATTGAAAGAGCTGCAGTCGGGCGAGCAGCCCCCGA
CCTGGTCATCATGAATTCCTGCCTCTGGGACATCTCCAGGTATGGTCCGAACCTCTGGAGAAGCTACCTG
GAGAACCTGGAGAACCTGTTCCAGTGCCTGGGCCAGGTGCTGCCCGAGTCTTGCCTCCTGGTGTGGAACA
CGGCCATGCCTGTGGGCGAGGAAGTCACCGGGGGTTTTCTTCCGCCCAAGCTCCGGCGGCAGAAGGCCAC
CTTCTGAAAAACGAAGTGGTCAAAGCCAACTTCCACAGCGCCACCGAGGCACGTAACATAAATTCGAT
GTACTGGACTTGCAATTTCCACTTCCGCCACGCGAGGGAGAACCTGCACTGGGACGGGGTGCCTGGAATG
GACGTGTGCACCGCTGCCTCTCCAGCTGCTGCTGGCCACGTGGCCGACGCCTGGGGTGTGGAGCTGCC
CCACCGCCACCCCGTGGGCGAGTGGATCAAGAAGAAAAAACCCTGGCCCGAGAGTCGAAGGGCCGCCCCAG
GCCAACAGAAATCACCGGCCTTACCTCTGTCCCCACCTTACCTTCCCCACATACCGCCCCCTGCTTG
GGTTCCACCCAGCGCTTGCCGCTGCTCCGCTCCTGTCCCCACAGCCTCCTCCTCCATTCTCCATCA
CCAGGGAATGCCCGGTTCCACAGGGTCCCCAGATGCCTGTTTTCTCAGACCATACTTTCCAGTCG
GATCAATTCTATTGCCATTGAGATGTCCTCATCAGCCCATGCAGGTTTCTTTCGTCGAAGACAATTTTA
TGGTTGGTCTCAGCTGCCTATGCCCTTCTTCCCCACACCCGTTATCAGCGGCTGCCCGAGTGTGACA
TAGGGGTTTTGGCAGGTATCGTCCCGTGGCCCTATACGCCCTGGGGACAGCGGCTCGACCTTCAAAG
AGAAGGGCCCCAGCCAATCTGAGCCAAGGCCTCAATAG
  
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_138371 unedited
 NCCGGTTCAAAATTGTATACGACTCCTATAGGCGGCCGGAATTCGCCCANAGGTCTCCC
 TACCCCCAACCTGCACTGGGCGCTCCGCCCAGAGTGAGTCCCTCCCAGCCCTTCTCTCCT
 TCTGTCTAGCCATCCGCAGAGCCATCCTGTGCAAAGGAAGGAGCTAGGCTGTGCGCCCT
 GGGCGTCATGATCCTTCTGCGGGCCTCCGAAGTGCGGCAGCTGCTTACAATAAGTTCGT
 GGTATCCTGGGGGACTGTGTCATAGGCGAGTATACAAGGACCTGGTGCTTCTGCTGCA
 GAAGGACCGCCTGCTCACTCCCGGGCAGCTTAGAGCAAGGGGGGAGCTGAACTTCTAACA
 AGATGAGCTGGTGACGGAGGCCAGCGGGGCCACATGCACAACGGCCTTAACCTACCGTGA
 GGTCCGCGAGTTCCGCTCCGACCAACCATCTGGTACGTTTTTACTTCTCACCCGCGTGTA
 CTCCGATTACCTCCAGACCATCTTGAAAGAGCTGCAGTCGGGCGAGCACGCCCCGACCT
 GGTATCATGAATTCCTGCCTCTGGGACATCTCCAGGTATGGTCCGAACCTCTGGAGAAG
 CTACCTGGAGAACCTGGAGAACCTGTTCCAGTGCTGGGCCAGGTGCTGCCCGAGTCTTG
 CCTCTTGGTGGAACACGGCCATGCCTGTGGGCGAGGAAGTACCGGGGGTTTCTTCC
 GCCCAAGCTCCGGCGGCAGAAAGGCCACCTTCTGAAAACGAAGTGGTCAAAGCCAACCTC
 CACAGCGCCACCGAGGGCACGTAACTAATTCGATGTACTGGACTTGCAATTTNCACTTC
 CGCCACGCGAGGGGAGACCTGCACTGGNACGGNGTGCACTGGAATGGNACGTGTGCACCG
 CTGCCTCTCCAGCTGCTGCTGGGCCACGTGGC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_138371 unedited
 NCCCGTCATTATGNACGCGCCGATTCTANGATCGATTTTTTTTTTTTTTTTTTTTTTTTT
 TTACCTCGG
 GCAACTTGGTTATTTCCCTTTTATTTTCCCAAAGGCAAAAAAATAGGAGGGGGGGGG
 CCGGAATAACCCGGGGCCCCCCCCAAAAAGGGGGGAAAAGGCCCCCCCCCCAAAAAAGA
 GGCAGGGGGCTCTTCTTGGGTTTTTGGGAACCCCATGAACAAAAGGAAAACAAGGCC
 GGGCCCCCAGGCTTAATTTAAAAAGGGCATTCTGTTTCAAGCCAAACAAGGAAAAAGAAAG
 GGCAAAATTTGGCCAACCCATGTTCAAAAAAAAAAAAAAGCCCAAGCCCCCTATTGGG
 GCCCTGGCCCAAAATTTGGGGGGGGCCCCCTTTTTTAAAGGGAAGGCCCTGTCCCAGG
 GCGTATAGGGGGCCCCGGGGACAAAACCCGCCAAAACCCCTTTTTCCCACTGGGGCAAGCC
 CTTTATAACGGGGGGGGGGGAAAAAAGGCATAAGCCCCTGAAGACCAACCATAAAATTGT
 CTTCAACAAAAAACCCGCTGGGCCGGTGAGGGGACCCCTGAATGGCAATAAAATTGAC
 CCCACCGGAAAGTTTGGCCCCAAAAAACAAGCCTCTGGGGGACCTGGGGGAACCGGG
 GCCTTCCCGGGTGAGGGAAAAAAGGGGGGGGGGCCCGGGGGACAAAACCGGAAACA
 CCGCCAAACCCCGGGGTGGGAACCCAACCCGAGGGCCGTTTTGTGGGAAAGGAAAAA
 GGGGGGGAACAAAATTAAGCCCGCGGATTCTGTGGGCCG

Restriction Sites:

NotI-NotI

ACCN:

NM_138371

Insert Size:

1900 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:	<u>NM_138371.1, NP_612380.1</u>
RefSeq Size:	2091 bp
RefSeq ORF:	1299 bp
Locus ID:	91523
UniProt ID:	<u>Q96HM7</u>
Cytogenetics:	12q13.11
Gene Summary:	This gene encodes a protein that belongs to the GDSL/SGNH-like acyl-esterase family. Members of this family are hydrolases thought to function in modification of biopolymers on the cell surface. Alternate splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2013] Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.