

Product datasheet for **SC112448**

FAM113A (PCED1A) (NM_022760) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM113A (PCED1A) (NM_022760) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM113A
Synonyms:	bA12M19.1; C20orf81; FAM113A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_022760, the custom clone sequence may differ by one or more nucleotides

```

ATGGTCTTCTGTCTGTCGAGCGAGGAGCCGCGCCGCCGCTGCGAAGCGACATGGTCCACTTCCAGGCCT
CGGAAGTCCAGCAGCTGTACACAACAAGTTCGTGGTCATCTTGGGGGACTCCATTAGAGGGCTGTGTA
CAAGGACCTGGTCTCTGCTCCAGAAAGACTCACTGCTCACAGCTGCCAGCTGAAAGCCAAGGGGAG
CTGAGCTTTGAACAGGACCAGCTGGTGGCTGGGGCCAGCTGGGCGAGCTGCACAACGGGACACAGTATC
GTGAGGTCGCCAGTTCTGCTCGGGCTCTGCCACCACCTGTGCGCTTCTACTTCTCTACTCGTGTGTTA
CTCCGAGTACCTTGAGGATGTTCTGGAAGAGCTGACATATGGACCTGCCCGGACCTGGTATCATCAAC
TCCTGCCTCTGGGATCTCTCCAGATATGGTCGCTCAATGGAGAGCTACCGGGAGAACCTGGAGCGGG
TGTTTGTGCGCATGGACCAAGTATTGCCAGACTCCTGCCTGCTGGTGTGGAACATGGCGATGCCCTCGG
GGAACGTATCACTGGGGTTTCTCCTGCCAGAGCTCCAGCCCCTGGCAGGCTCCCTGCGCGGGATGTG
GTTGAAGGGAAGTCTACAGTGCTACGCTGGCCGGGACCAGTCTTGTATGTCCTAGACCTCCACTTTC
ACTTCCGGCATGCAGTACAGCACCGTCACTCGGGATGGTGTCCACTGGGACCAGCATGCACACCGCCACCT
CTCACACTGCTTCTGACCCATGTGGCTGACGCTGGGGCGTGGAGCTGCCAAGCGTGGCTATCCCCCT
GACCCGTGGATTGAGGACTGGGCAGAGATGAATCATCCATTCCAGGGAAGCCATAGGCAGACCCAGACT
TCGGGGAGCACCTGGCCTTGCTCCCACCCACCTTCTTCTTTGCCTCCTCCCATGCCTTTTCCCTACCC
GCTTCTCAGCCCTCGCCACCTCCCCTCTCCACCCCTGCCAGGATACCCCTTTTTTCCAGGCCAG
CCCTTCCACCCCATGAATTCTTCAACTATAATCCAGTGGAGGACTTCTCGATGCCACCCCACTTAGGAT
GTGGCCCTGGAGTGAAGTGTGCTGGCCCTCTGCCACCTCCAATCCCTGGCCCTAATCCCATGGTCA
GCACTGGGGCCAGTGGTCCACCGGGGATGCCACGCTATGTTCTAACAGCCCTACCATGTGCGGAGA
ATGGGGGGCCCTGCAGGCAGCGGCTCAGACACTCAGAGAGACTGATCCACACATACAACTGGACAGAC
GGCCTCCTGCCATTCCGGGGACATGGCCTGGGTAG

```

Restriction Sites: NotI-NotI



[View online »](#)

ACCN:	NM_022760
Insert Size:	4200 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:	NM_022760.3 , NP_073597.2
RefSeq Size:	1999 bp
RefSeq ORF:	1365 bp
Locus ID:	64773
UniProt ID:	Q9H1Q7
Cytogenetics:	20p13
Gene Summary:	<p>The protein encoded by this gene is a member of the GDSL/SGNH superfamily. Members of this family are hydrolytic enzymes with esterase and lipase activity and broad substrate specificity. This protein belongs to the Pmr5-Cas1p-esterase subfamily in that it contains the catalytic triad comprised of serine, aspartate and histidine and lacks two conserved regions (glycine after strand S2 and GxND motif). A pseudogene of this gene has been identified on the long arm of chromosome 2. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Sep 2012]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>