

## Product datasheet for **SC107414**

### **FAM100B (UBALD2) (NM\_182565) Human Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FAM100B (UBALD2) (NM_182565) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM100B
Synonyms:	FAM100B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC107414 sequence for NM_182565 edited (data generated by NextGen Sequencing)

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ATGTCGGTGAACATGGACGAGCTGCGGCACCAGGTCATGATCAACCAGTTCGTGCTGGCC
GCGGGCTGCGCGCCGACCAGGCCAAGCAGCTGCTGCAGGCGCCCACTGGCAGTTCGAG
ACCGCGCTGAGCAGTTCTTCCAAGAAACCAACATTTCCAACAGCCACCACCACCAG
ATGATGTGCACTCCAGCAACACCCTGCCACGCCCAACTTCCCGATGCGCTGGCC
ATGTTCTCAAGCTCCGCGCCTCCGAGGGCCTGCAGAGCAGCAACAGCCCATGACAGCC
GCAGCCTGCTCCCACTGCAAACCTTCAAGCCCTTCTGGGCTCGTCCCGCCAGCCAC
CAGGCGCCCTGGATCCCGCCTCCTCCCCACCACCTTCCACCACCTCCACCGCCACAG
CCCACGTGGCCCCAGGAGCACAGCAGGGGGCGCCAGCAGAAAGCCATGGCGGCCATG
GACGGCCAGAGATGA
```

Clone variation with respect to NM\_182565.3  
91 t=>c



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_182565 unedited GCGGATTTTGTAAACAGACTTACTATAGGCGGCCGCGCAATTCGCACCAGGCGGGCGGCGG AGCGGGCGGGGAGCGGGCGGAGCGGGGAGCGGGTGGAGCGGAGCCCCGGAGCCCCGGGCGGCCG GCCTCCCAGCGCCCGCGCAGCCCCGCGTCTGCGTCCGGCCGGAGACGCCGGGCCCCGCGCC GCGCCGCGCCATGTCGGTGAACATGGACGAGCTGCGGCACCAGGTCATGATCAACCAGTT CGTGCTGGCCCGGGCTGCGCGGCCGACCAGGCGAAGCAGCTGCTGCAGGCGGCCACTG GCAGTTCGAGACCGGCTGAGCACGTTCTTCCAAGAAACCAACATTCCCAACAGCCACCA CCACCACAGATGATGTGCACTCCAGCAACACCCCTGCCACGCCGCCAACTTCCCGCA TGCCTGGCCATGTTCTCAAGCTCCGCGCCTCCGAGGGCCTGCAGAGCAGCAACAGCCC CATGACAGCCGCGAGCCTGCTCCCCACTGCAAACCTTCCAGCCCTTCTGGGCTCGTCCCC GCCAGCCACCAGGCGCCCTGGATCCCAGCCCTCCTCCCCACCACCTTCCACCACCTCCA CCGCCACAGCCACGTGGCCCCCAGGAGCACAGCAGGGGGGCGCCAGCAGAAAGCCAT GGCGGCCATGGACGGCCAGAGATGAGACTGGACGCCCGGGGCGCTGGGCTGGAGCTGGG GGCAGCCCANGGTTGTGGGGACACAGGAGGGCCAGGGAGGGGGGAGCCGGGGAGGGCAGG GGGTTTCCGAAGACGCACTGGAAGATTTATAAAAGATTTTTGTGGTCCGGGGGACAGTA ACTTCTGGCCACGTGGGTCCTTCAGGAGTTTTTCAGGCAGGTTTTTCTGTGTTTTATA TATACTTAATATTTTGGATAGGTAATAAATACTCAGGGGCGTGAGAAGGGCTGGCACACCT GGGGTCTCGGGGTAG
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_182565
<b>Insert Size:</b>	1500 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_182565.2</a></u> , <u><a href="#">NP_872371.1</a></u>
<b>RefSeq Size:</b>	1426 bp
<b>RefSeq ORF:</b>	495 bp
<b>Locus ID:</b>	283991
<b>UniProt ID:</b>	<u><a href="#">Q8IYN6</a></u>
<b>Cytogenetics:</b>	17q25.1