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Product datasheet for SC127608

FP100 (FAAP100) (NM_025161) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FP100 (FAAP100) (NM_025161) Human Untagged Clone
Tag:	Tag Free
Symbol:	FP100
Synonyms:	C17orf70
Mammalian Cell Selection:	None
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>NCBI ORF sequence for NM_025161, the custom clone sequence may differ by one or more nucleotides

ATGGCCGGCGCCGCGCCGCGGGTCCGCTACCTGGCGGGCTTCTGCTGCCCTCTCGGGGGCCTGGCGGCGG
GCAAGCCCCGCGTGCTGTGCCATGAGGCAGAGGTCTTCCTGTCCACCGGGAGCGAGCTCGTCTACGTGTA
CGACCAGGAGGGCGGGCTGCTGACCGCGGCGTTCCGGTTCCCCGACCAGGTGTGGCACCTGGAGCTGCTG
GCGCCGCGCAGGTTGCTGTACGCGCTGTGCGCCCGGAGGGGCCTCTACTGCCTGTCGCTGGACCACCCGG
GCAGGAGCAGGTCTACGAGCCAGGATGACAGGGACAGCGAGGACGGTGACCAGCCTTCCCCCGTGATCCC
TGTGGACCCCGATGCCTGCATCCTTCCCGATGCTGCGCTGTGCGCGTTCACCTTGCTGGACAGTGTGCTG
GTCACCCTGGTGCAGGGCCCTGCCCGATGGAAGATGCAGCTGTTTGAGCAGCCCTGTCCTGGGGAGGACC
CCCGGCCAGGAGGCCAGATCGGTGAGGTGGAGCTGTCCTCCTACACGCCCCCAGCCGGGGTCCCAGGAAA
GCCTGCAGCCCCCCACTTCCTTCCAGTGCTGTGCTCTGTGTCACCATCAGGCTCCAGGGTCCCGCACGAC
CTCCTCGGGGGCTCCGGGGGCTTCACGCTGGAGGACGCCCTCTTCGGGCTCCTCTTTGGAGCTGATGCCA
CCCTCCTGCAGTCACCTGTGGTCCTCTGTGGTCTCCCTGATGGCCAGCTCTGCTGTGTGATCCTGAAGGC
CCTGGTCACCTCCAGGTCAGCCCCTGGTGACCCAAATGCCCTTGTCAAGATCCTCCATCACCTGGAGGAG
CCCGTCATCTTCATAGGGGCCTTGAAGACAGAGCCACAGGCTGCAGAAGCTGCAGAGAATTTTCTGCCTG
ACGAGGATGTGCACTGTGACTGCCTGGTGGCCTTTGGTCACCACGGCCGGATGCTGGCCATCAAGGCCAG
CTGGGATGAGTCCGGGAAGCTGGTGCCCGAGCTGCGGGAGTACTGCCTCCCAGGCCCTGTGCTCTGCGCT
GCCTGTGGCGGGGGTGGCCGCGTGTACCACAGCACCCCTTCTGACCTCTGTGTGGTGGATCTGTCTCGGG
GAAGCACCCCGCTGGGCCCTGAGCAGCCCGAAGAAGGCCCGGGAGGCCTGCCCCCCATGCTGTGCCCAGC
CAGCCTGAACATCTGCAGTGTCGTCTCGCTGTCCGCGTCTCCCAGGACGCATGAAGGTGGCACCAAGCTC
CTGGCCCTGTCCGCCAAAGGCCGCCTGATGACCTGCAGCCTGGACCTGGACTCTGAGATGCCTGGCCCAG
CCAGGATGACCACAGAGAGTGCAGGTCAGAAAATAAAGGAGCTGCTGTCTGGAATTGGCAACATCTCTGA
GAGAGTGTCTTTTCTAAAGAAGGCGGTTGACCAGCGGAACAAGGCACTGACAAGCCTCAACGAGGCCATG
AACGTGAGCTGTGCACTGCTGTCAAGCGGCACGGGCCCCAGACCCATCTCCTGCACCACCAGCACCACCT
GGAGCCGCCTGCAGACACAGGATGTGCTCATGGCCACCTGCGTGCTAGAGAACAGCAGCAGCTTCAGCCT
GGACCAGGGGTGGACCCTGTGCATCCAGGTGCTCACCAGCTCCTGTGCTCTCGACCTGGACTCGGCCTGC
TCCGCCATCACCTACACCATCCCCGTGGACCAGCTCGGCCCCGGTGCTCGGCGGGAGGTGACGCTACCCC
TGGGCCCTGGTGAGAACGGCGGGCTCGACCTGCCCGTGACCGTGTCCTGCACGCTGTTCTACAGTCTCAG
GGAGGTGGTGGGCGGGGCCCTTGCCCCCTCAGACTCTGAGGACCCCTTTCTGGATGAGTGCCCCTCCGAC
GTCCTGCCCGAGCAAGAGGGTGTTTGCCTGCCCCTGAGCAGGCACACAGTGGACATGCTGCAGTGTCTGC
GCTTCCCTGGCCTGGCCCCGCCACACACACGGGCCCCCTCCCCACTCGGCCCCACCCGAGACCCTGTGGC
CACTTTTCTGGAAACTTGTCGGGAGCCTGGCAGCCAGCCAGCAGGACCCGCCTCCCTGCGGGCCGAGTAC
CTGCCCCCATCTGTGGCTTCCATCAAGGTGTCGGCGGAGCTGCTCAGAGCTGCCTTGAAGGACGGCCACT
CAGGCGTGCCCCTGTGCTGTGCCACCCTGCAGTGGCTCCTTGCTGAGAATGCTGCTGTGGACGTCGTGAG
GGCCCGAGCACTATCTTCCATCCAGGGAGTGGCCCCTGATGGCGCCAACGTTCACCTCATCGTCCGAGAG
GTGGCCATGACTGACCTGTGCCCAGCAGGGCCCATCCAGGCCGTGGAGATTCAAGTGGAAAGCTCCTCTC
TGGCCGACATTTGCAGGGCGCACCATGCCGTTGTCGGGCGCATGCAGACGATGGTGACAGAGCAGGCCAC
CCAGGGCTCCAGCGCTCCTGATCTCCGTGTGCAGTACCTCCGCCAGATCCACGCCAACCACGAGACACTG
CTGCGGGAGGTGCAGACCCTGCGCGACCGGCTCTGCACGGAGGATGAGGCCAGCTCCTGTGCCACCGCCC
AGAGGCTGCTACAGGTGTACCGGCAGCTGCGCCACCCCAGCCTCATCCTGCTGTGA

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_025161 unedited
TGGGAAGTTGANNCNATTGGTCAGCTTTTGAATACGACTCACTATAGGGCGGCCGCGAAT
TNNNTTGAGGCGCGGCCGGGGCTTTTCACTCTGACGGGCCCGCGCGCACGATGGCCGGCG
CCGCGCCGCGGGTCCGCTACCTGGCGGGCTTCTGCTGCCCTCTCGGGGGCCTGGCGGCGG
GCAAGCCCCGCGTGCTGTGCCATGAGGCAGAGGTCTTCCTGTCCACCGGGAGCGAGCTCG
TCTACGTGTACGACCAGGAGGGCGGGCTGCTGACCGCGGCGTTCCGGTTCCCCGACCAGG
TGTGGCACCTGGAGCTGCTGGCGCCGCGCAGGTTGCTGTACGCGCTGTGCGCCCGGAGGG
GCCTCTACTGCCTGTCGCTGGACCACCCGGGCAGGAGCAGGTGAGGGCGGGCCCGCGGCC
TCCCTCCCGCACACTCCTGCTGCCCCCGGACTGCTTCAGAGCGAGCAGCCCCACCTCATC
GCGCTTGGGGACCCGGGCTGCCGCCAGCTCTGAAGCCTCGGCCGCCATCCCTGCCCGATT
ATCTGGAGCCCCTGCCCCCAGCACTCTTTCTGCAAGTGTCTTGCTCACAGTCCTTAGTCT
ACGAGCCAGGATGACAGGGACAGCGAGGACGGTGACCAGCCTTCCNCGTGATCCCTGTGG
ACCCCGATGCCTGATCCTTCCNATGCTGGCTGTGCCGTCACCTGCTGACAGGGCTGTCAC
CTGTGCAGGCCTGCGATGAAATCACTGTTACAGCTGTCTGGAGACCCGCAGAGCAAC
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3' Read Nucleotide Sequence:

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>OriGene 3' read for NM_025161 unedited
TGGATGTTTNNNNATACCTGCGTGGAACTTCCCGGCCAGGAGAGGCACTGGGGAGGGGNN
AAGGGATGCCACCCGGGATCTGTTCAGGAAACAGCTATGACCGCGGCCGCAATCTAGAGT
CGAGTTTTTTTTTTTTTTTTTTCACGGACAGACAGGGTCGTTTGTCACAGCAGAGAAGCA
CCTCACGGCTCCTACCCGCACTCATCGCGGACAGTGCCTGCAGCGGGAGCGGCGCGAGCA
CCCTCCCCAGATGAAAACACCAGCACCAGGAGGTGGGCCGTAGCCCAGGCTGAGGGAGGA
GGCTGGGGGCTGGGGCTCAGGGCCCCCCCCCGGCCACAGCGCCACCCTGAGTGGCCCTGA
AAATAGTGCACAGTGCTGGGTACTGCCCCGGCCGGAGGCACCTAGTTGTTGAGCATTCCG
GCCACAGGCCACCCGCTGGCCCTTCCTTGGTGTGGCACGAGACCACGGGCACTTGCAGGA
GCTCCCTGCATGCTGTTTTGTGCTTTGGTCTCAGGGAGCACCCTCCTACCTCGGGGTCCC
AGAGTGGGCAGCCGGGCAGGTGTGAACAGTGTGACAAGGGTACCGTGGGGCACCTGGTAG
TGCCACCCAGAGGGGCAGCCGGTGCTCCTGGTGGTGTGGCAGCAACAGTTACAAACTCAC
CCCAAGTCCAAACCCCAGAAATCCTGTTTCTCTGGCCCTCCAGATCCAGAATGCCCTGCA
CTTGCCTCTGGCCTCANGGGCTGCTTGCGTGGTGGGAAGCTGCNNCACATGAGGAAAGGA
GTTGCAGGCTGCGCCGCGTCANAAAG
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Restriction Sites: Please inquire

ACCN: NM_025161

Insert Size: 3600 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_025161.3, NP_079437.3
RefSeq Size:	3843 bp
RefSeq ORF:	2193 bp
Locus ID:	80233
UniProt ID:	Q0VG06
Cytogenetics:	17q25.3
Gene Summary:	FAAP100 is a component of the Fanconi anemia (FA; MIM 277650) core complex and is required for core complex stability and FANCD2 (see MIM 227646) monoubiquitination (Ling et al., 2007 [PubMed 17396147]).[supplied by OMIM, Mar 2008] Transcript Variant: This variant (2) represents the shorter transcript and encodes the functional protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.