

Product datasheet for SC302936

DEFB130A (NM_001037804) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DEFB130A (NM_001037804) Human Untagged Clone
Tag:	Tag Free
Symbol:	DEFB130A
Synonyms:	DEFB-30; DEFB30; DEFB130; DEFB130L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC302936 representing NM_001037804. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGAAACTCCATTCCCTTATTTCTGTTCTCCTCCTCTTTGTGACTTTAATACCAAAGGAAAGACTGGC
 GTTATTCAGGACAAAACAGTGTATTGCTTTGAAAGGGGTGTCAGAGACAACTATGCAGCACACTA
 GATGATACCATTTGGTATATGTAATGAAGGAAAAAATGTTGTAGAAGGTGGTGGATACTTGAGCCCTAT
 CCAACTCCGGTCCCAAAGGAAATCTCCTTAG
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001037804
Insert Size:	240 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.



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:	<u>NM_001037804.1</u>
RefSeq Size:	240 bp
RefSeq ORF:	240 bp
Locus ID:	245940
UniProt ID:	<u>P0DP74</u>
Cytogenetics:	8p23.1
Protein Families:	Secreted Protein
MW:	8.7 kDa
Gene Summary:	Defensins are cysteine-rich cationic polypeptides that are important in the immunologic response to invading microorganisms. The antimicrobial protein encoded by this gene is secreted and is a member of the beta defensin protein family. Beta defensin genes are found in several clusters throughout the genome, with this gene mapping to a cluster at 8p23. [provided by RefSeq, Nov 2014]