

## Product datasheet for SC301219

### F8A2 (NM\_001007523) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	F8A2 (NM_001007523) Human Untagged Clone
Tag:	Tag Free
Symbol:	F8A2
Synonyms:	HAP40
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301219 representing NM_001007523. Blue=Insert sequence Red=Cloning site Green=Tag(s)

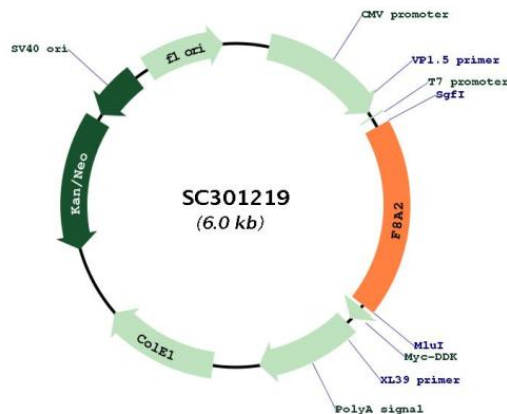
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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGGCAGCGGCTGCAGGCCTGGGCGGCGCGGCCGCCGGGACCCGAGGCCGGGACTTCTCTG
GCCCGCTACCGGCTGGTATCGAACAAAGCTGAAGAAGCGGTTCTGCGGAAGCCGAACGTGGCGGAGGCC
GGCGAGCAGTTCGGACAGCTGGGCCGGGAGCTGCGCGCCAGGAGTGTCTGCCCTACGCGGCTGGTGC
CAGCTGGCGGTGGCGGCTGCCAGCAGGCGCTTCCACGGGCCCGGGAGGCGCTGGCCCTCACCGAG
GCCGCCCGCTTCTCTGCGGCAGGAGCGCGACGCGGCCAGCGCTGGTCTGCCCGCCGCTACGGG
GAGCCGCTGCAGGCCGCCAGCGCCCTGGGCGCGCGGTGCGTCTGCACCTCGAGCTGGCCAGCCG
GCCCGCCGCGCCGCTTGCCTCGAGCTGGCCGCGCCCTGCGCGACCTGGGCCAGCCGCGCCGCC
GCCGGTCACTTCCAGCGCGCCGCCAGCTCCAGCTGCCCCAGCTGCCCTGGCCGCGCTGCAGGCGCTT
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CAGCGCTGGCGCGGGAGCACGGCAGCCACCCGGTGCAGTCACTGCCCGCCCGCCCGCCGCGGCCACCC
CAGCCCGGGCCCGGGGCGACGCCCGCCCTACCGGCCGCGCTGCTTCTCCGAACCTCCGGCTCGCGGCG
CCCTCTCCCGCCGCTGGGCGCTTCTCGACGTGCTGGTCCGCTGCGAGGTGTCCCGCGTGTCTGTG
CTGCTCCTCTGCAACCACCGCCGCAAGCTGCTGCCGAGCAGCCAGCCAGCCCTGGAGAAGTACTCC
TGGGAGGCTTTTGACAGCCAGGGCAGGAGAGCAGCGGCCAGCTTCCCGAGGAGCTTTTCTGTGCTC
CAGTCTTTGGTTCATGGCTACCCACGAAAAGGACACGGAAGCCATCAAGTCGCTGCAGGTGGAGATGTGG
CCACTGTTGACTGCTGAGCAGAACCACCTCCTCACCTCGTTCTGCAAGAAACCTCTCCCCCTCAGGA
CAGGGAGCTTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



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## Plasmid Map:



ACCN: NM\_001007523

Insert Size: 1116 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:**

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\\_001007523.1](#)

RefSeq Size: 1116 bp

RefSeq ORF: 1116 bp

Locus ID: 474383

UniProt ID: [P23610](#)

**Cytogenetics:** Xq28

**MW:** 39.1 kDa

**Gene Summary:** This gene is part of a region that is repeated three times on chromosome X, once in intron 22 of the F8 gene and twice closer to the Xq telomere. This record represents the middle copy. Although its function is unknown, the observation that this gene is conserved in the mouse implies it has some function. Unlike factor VIII, this gene is transcribed abundantly in a wide variety of cell types. [provided by RefSeq, Jul 2008]