

Product datasheet for SC113086

YIF1A (NM_020470) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	YIF1A (NM_020470) Human Untagged Clone
Tag:	Tag Free
Symbol:	YIF1A
Synonyms:	54TM; FinGER7; YIF1; YIF1P
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113086 sequence for NM_020470 edited (data generated by NextGen Sequencing)

```

ATGGCTTATCACTCGGGCTACGGAGCCACGGCTCCAAGCACAGGGCCCGGCAGCCCCG
GATCCCCCTCCCCCTCTTCGATGACACAAGCGGTGTTATTCCAGCCAGCCCGGGGATAC
CCAGCCACAGGAGCAGACGTGGCCTTCAGTGTCAACCACTTGCTTGGGGACCCAATGGCC
AATGTGGCTATGGCCTATGGCAGCTCCATCGCATCCCATGGGAAGGACATGGTGACAAG
GAGCTGCACCGTTTTGTGTCTGTGAGCAAACCTCAAGTATTTTTTGTGTGGACACAGCC
TACGTGGCCAAGAAGCTAGGGCTGCTGGTCTTCCCCTACACACACCAGAACTGGGAAGTG
CAGTACAGTCGTGATGCTCCTCTGCCCCCGGCAAGACCTCAACGCCCTGACCTCTAT
ATCCCCACGATGGCCTTCATTACTTACGTGCTCCTGGCTGGGATGGCACTGGGCATTGAG
AAAAGTTCTCCCCGAGGTGCTGGGCCTGTGTGCAAGCACAGCGCTGGTGTGGGTGGTG
ATGGAGGTGCTGGCCCTGCTCCTGGGCCTCTACCTGGCCACCGTGCGCAGTGACCTGAGC
ACCTTTACCTGCTGGCCTACAGTGGCTACAAATACGTGGGAATGATCCTCAGTGTGCTC
ACGGGGTGCTGTTCGGCAGCGATGGCTACTACGTGGCGCTGGCCTGGACCTCATCGGCG
CTCATGTACTTCATTGTGCGCTCTTTCGGACAGCAGCCCTGGGCCCCGACAGCATGGGG
GGCCCCGTCCCCCGGACGCTCTCCAGCTCTACCTGACTCTGGGAGCTGCAGCCTCCAG
CCCCTCATCATATACTGGCTGACTTTCCACCTGGTCCGGTGA
  
```

Clone variation with respect to NM_020470.2


[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_020470 unedited
 GCCGCGAATTCGGCACGAGCCTCGGTCCGTACCCTGGGCGCGGAGCAGCTGCCTCATTAG
 TATTTCGTACCCACGAGGCGGCGCAGCGGGCCCTCGGGGACAGCGAGCGTCGCGGCTATGG
 CTTATCACTCGGGCTACGGAGCCACGGCTCCAAGCACAGGGCCCGGGCAGCCCCGGATC
 CCCCTCCCCTCTTCGATGACACAAGCGGTGTTATTCCAGCCAGCCCGGGGATACCCAG
 CCACAGGAGCAGACGTGGCCTTCAGTGTCAACCACTTGCTTGGGACCCAATGGCCAATG
 TGGCTATGGCCTATGGCAGCTCCATCGCATCCCATGGGAAGGACATGGTGACAAGGAGC
 TGCACCGTTTTGTGTCTGTGAGCAAACTCAAGTATTTTTTTGCTGTGGACACAGCCTACG
 TGGCCAAGAAGCTAGGGCTGCTGGTCTTCCCCTACACACACCAGAAGTGGGAAGTGCAGT
 ACAGTCGTGATGCTCCTCTGCCCCCCCGCAAGACCTCAACGCCCCCTGACCTCTATATC
 CCCACGATGGCCTTCATTACTTACGTGCTCCTGGCTGGGATGGCACTGGGCATTAGAAA
 AGGTTCTCCCGNAGTGTGGGCTGTGTGCAACACANCNCTNGTGTGGGTGGATGGAAA
 GGCTTGCCCTTNTTCTGGGGCCTTACCTTGGCCACCGGCGCATGGGCCTGACCCCTTTTA
 ACTGGTGGCC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_020470 unedited
 TGTNCCAGCNCCTTGAGGAGGATTAATTCTTTTTTTTTTTTCAAGGAAATCTAAT
 CTTCAATGAATGAAAACTATTGCCATCTGGGGCCAGGGGGTCACCGACAGGGGGAA
 AGTCAGCCAGTATATGATGAGGGGCTGGAAGGCTGCAGCTCCCAAAGTCAGGTAAAGCTG
 GAGACGCTGCCGGGGACGGGGCCCCCTCGGCTGTGGGGCCAGGGCTGCTGTCCGCAA
 AGAGCGCACAAATGAAGTACATGAGCGCCGATGAGGTCCAGGCCAGCGCCACGTAGTACCC
 ATCGCTGCCGAACAGCAGCCCCGTGAGCACACTGAGGATCATTCCACGTATTTGTAGCC
 ACTGTAGGCCATCAGGTGAAAGGTGCTCAGGTCACTGCGCACGGTGGCCAGGTAGAGGCC
 CAGGAGCAGGGCCAGCCCTGCTTCAACACCCACACCAGCGCTGTGCTCTGCCCCCGGCC
 CGGACCCGTTGGGGGGAACCTCCGCTCGTTCGCCNCGCCCGCCCGCCGCGCCCGCCGCG
 GCCCCGTGCTGCCCTCGCGCCCCCTCCCGCTGCCCTGTCTCACTCCCCGCGCCTCCCC
 CCGCGTTCCCCCCCCCGCTCCCCCGTTCGCCCGCGCTCGACCCCGCGCTCCGCTGGCT
 GCGTCCCCCGCTCCCTTCCCCGTGGCCCCCCCCCNGCTTCCCTTCCCTGTCCCCC
 CCGCGGCTCCCCGCCCCCCCCGCCCCCTTCTCCGTGCCCCCGCCGGGCTTCCCCGCC
 GTGGCGCCCCGTCTTCTCCCGCCCCCTTCCCCCCTCGTTTCCCCCCCCCTCCCCGGCGC
 CCTACCGCCCGTTTTTCTCCCCCCCCCGCCTTTTNCGCCGTTTCTCCCCCCCCCTC
 CCCCCTTTCCCGTAATNTGCCCTTCCACCCCGCCGACTCCCGCATCCCCGGCCCTTAT

Restriction Sites:

ECORI-NOT

ACCN:

NM_020470

Insert Size:

990 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:	<u>NM_020470.1, NP_065203.1</u>
RefSeq Size:	1078 bp
RefSeq ORF:	882 bp
Locus ID:	10897
UniProt ID:	<u>O95070</u>
Cytogenetics:	11q13.2
Domains:	Hrf1
Protein Families:	Transmembrane
Gene Summary:	Possible role in transport between endoplasmic reticulum and Golgi.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).