

Product datasheet for **SC330785**

IFT20 (NM_001267775) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: IFT20 (NM_001267775) Human Untagged Clone
Tag: Tag Free
Symbol: IFT20
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330785 representing NM_001267775.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

ATGGCCAAGGACATCCTGGGTGAAGCAGGGCTACACTTTGATGAACTGAACAAGCTGAGGGTGTGGAC
CCAGAGGTTACCCAGCAGACCATAGAGCTGAAGGAAGAGTGCAAAGACTTTGTGGACAAAATTGGCCAG
TTTCAGAAAATAGTTGGTGGTTTAATTGAGCTTGTTGATCAACTTGCAAAAGAAGCAGAAAATGAAAG
ATGAAGGCCATCGGTGCTCGGAAGCTGCTCAAATCTATAGCAAAGCAGAGAGAAGCTCAACAGCAGCAA
CTTCAAGCCCTAATAGCAGAAAAGAAAATGCAGCTAGAAAGGTATCGGGTTGAATATGAAGCTTTGTGT
AAAGTAGAAGCAGAACAAAATGAATTTATTGACCAATTTATTTTCAGAAATGA
  
```

Restriction Sites: SgfI-MluI

ACCN: NM_001267775

Insert Size: 399 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_001267775.1](#)



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RefSeq Size: 924 bp

RefSeq ORF: 399 bp

Locus ID: 90410

UniProt ID: [Q8IY31](#)

Cytogenetics: 17q11.2

MW: 15.3 kDa

Gene Summary: This gene encodes a intraflagellar transport protein important for intracellular transport. The encoded protein forms part of a complex involved in trafficking of proteins from the Golgi body, including recycling of immune signalling components (Finetti et al., PubMed: 19855387). This gene is part of a complex set of sense-antisense loci that may be co-regulated. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. A pseudogene of this gene is located on the long arm of chromosome 14.[provided by RefSeq, Jun 2012]
 Transcript Variant: This variant (3) differs in the 5' UTR and uses a downstream in-frame start codon, compared to variant 1. Variants 3 and 4 encode the same isoform (3), which has a shorter N-terminus compared to isoform 1.