

Product datasheet for **SC300549**

GTF2IRD2B (NM_001003795) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GTF2IRD2B (NM_001003795) Human Untagged Clone
Tag:	Tag Free
Symbol:	GTF2IRD2B
Synonyms:	GTF2IRD2; GTF2IRD2A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>SC300549 representing NM_001003795.

Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites:

SgfI-MluI

ACCN:	NM_001003795
Insert Size:	2850 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:	<u>NM_001003795.2</u>
RefSeq Size:	3595 bp
RefSeq ORF:	2850 bp
Locus ID:	389524
UniProt ID:	<u>Q6EKJ0</u>
Cytogenetics:	7q11.23
MW:	107.2 kDa
Gene Summary:	This gene encodes a glycosylated phosphoprotein with a leucine zipper motif, two helix-loop-helix motifs (1 repeats) that are similar to domains found in the TFII-I family of transcription factors, one CHARLIE8 transposable element-like sequence, and a BED zinc finger. This gene lies within a region that is deleted in Williams-Beuren syndrome. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized. [provided by RefSeq, Jul 2008]