

Product datasheet for **RC224638L4V**

GTF2IRD2 (NM_173537) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	GTF2IRD2
Synonyms:	FP630; GTF2IRD2 alpha; GTF2IRD2A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_173537
ORF Size:	2847 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC224638).

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

RefSeq:	NM_173537.2 , NP_775808.2
RefSeq Size:	3551 bp
RefSeq ORF:	2850 bp
Locus ID:	84163
UniProt ID:	Q86UP8
Cytogenetics:	7q11.23



Protein Families: Transcription Factors

MW: 107.2 kDa

Gene Summary: This gene is one of several closely related genes on chromosome 7 encoding proteins containing helix-loop-helix motifs. These proteins may function as regulators of transcription. The encoded protein is unique in that its C-terminus is derived from CHARLIE8 transposable element sequence. This gene is located in a region of chromosome 7 that is deleted in Williams-Beuren syndrome, and loss of this locus may contribute to the cognitive phenotypes observed in this disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]