

Product datasheet for **SC307532**

PRDM1 (NM_182907) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRDM1 (NM_182907) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRDM1
Synonyms:	BLIMP1; PRDI-BF1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Restriction Sites:	Please inquire
ACCN:	NM_182907
Insert Size:	3000 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:	The ORF of this clone is found to be a perfect match to NM_182907.1.
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:	<ol style="list-style-type: none"> 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_182907.1</u> , <u>NP_878911.1</u>
RefSeq Size:	4675 bp
RefSeq ORF:	2076 bp
Locus ID:	639
UniProt ID:	<u>O75626</u>
Cytogenetics:	6q21
Protein Families:	Transcription Factors
Gene Summary:	<p>This gene encodes a protein that acts as a repressor of beta-interferon gene expression. The protein binds specifically to the PRDI (positive regulatory domain I element) of the beta-IFN gene promoter. Transcription of this gene increases upon virus induction. Two alternatively spliced transcript variants that encode different isoforms have been reported. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2), also known as PRDM1beta, contains a distinct 5' UTR and lacks an in-frame portion of the 5' coding region, compared to variant 1. The resulting isoform (2) has a shorter N-terminus when compared to isoform 1. The protein encoded by this transcript has also been named PRDI-BF1beta.</p>