

Product datasheet for **SC329736**

Vitamin D Binding protein (GC) (NM_001204307) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vitamin D Binding protein (GC) (NM_001204307) Human Untagged Clone
Tag:	Tag Free
Symbol:	GC
Synonyms:	DBP; DBP-maf; DBP/GC; Gc-MAF; GcMAF; GRD3; HEL-S-51; VDB; VDBG; VDBP
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC329736 representing NM_001204307. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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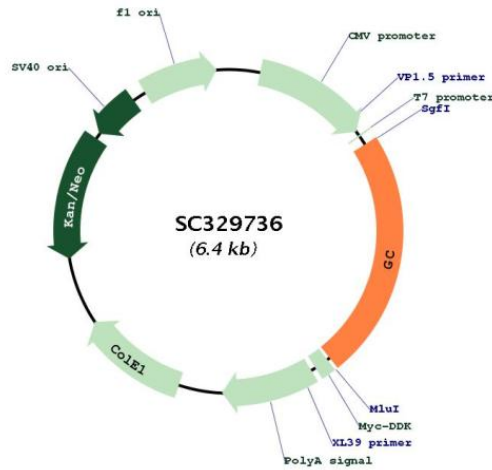
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001204307

Insert Size: 1482 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_001204307.1](#)

RefSeq Size: 1832 bp

RefSeq ORF: 1482 bp

Locus ID: 2638

UniProt ID: [P02774](#)

Cytogenetics: 4q13.3

Protein Families: Secreted Protein

MW: 55.1 kDa

Gene Summary: The protein encoded by this gene belongs to the albumin gene family. It is a multifunctional protein found in plasma, ascitic fluid, cerebrospinal fluid and on the surface of many cell types. It binds to vitamin D and its plasma metabolites and transports them to target tissues. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Feb 2011]

Transcript Variant: This variant (3) has an alternate 5' sequence which contains an upstream in-frame AUG start codon, as compared to variant 1. The resulting isoform (2) has a longer N-terminus, as compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.