

Datasheet for ABIN5409892

Human GC ORF Clone in Lentiviral Vector (Myc-DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	Vitamin D-Binding Protein (GC)
Species:	Human
Fusion tag:	Myc-DYKDDDDK Tag
Insert:	ORF
Vector:	Lentiviral Vector
Application:	Protein Expression (PEXP)

Product Details

Purpose:	Lentiviral Vector with ORF clone of Human group-specific component (vitamin D binding protein) (GC) transcript variant 1 , C-term Myc-DDK-tagged
Brand:	LentiORF
Insert Length:	1425 bp
Vector Backbone:	pLenti-C-Myc-DDK
Promoter:	CMV Promoter
Bacterial Resistance:	Chloramphenicol
Expression Type:	Transient
Specificity:	Restriction Site: Sgfl-Mlul
Characteristics:	<p>Myc-DDK tagged, C-terminal</p> <p>Broad cell spectrum: Lentivirus infect most cells, dividing & non-dividing, easy-to-transfect & hard-to-transfect cells.</p> <p>High transduction efficiency</p> <p>Convenience: Minimal need for optimization.</p>

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Product Details

Safety: 3rd generation system with improved biosafety.

Components: 10 µg of lyophilized plasmid

Target Details

Gene: Vitamin D-Binding Protein (GC)

Alternative Name: group-specific component (vitamin D binding protein) (GC) ([GC Products](#))

Background: 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.

NCBI Accession: [NM_000583](#), [NP_000574](#)

Application Details

Application Notes: In hard-to-transfect cells: Detection and purification of over-expressed protein

Restrictions: For Research Use only

Handling

Format: Lyophilized

Storage: 4 °C/-20 °C

Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)