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Datasheet for ABIN2735368

**Vitamin D-Binding Protein Protein (GC) (Transcript Variant 1)  
(His tag)**

## Overview

Quantity:	10 µg
Target:	Vitamin D-Binding Protein (GC)
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Vitamin D-Binding Protein protein is labelled with His tag.
Application:	Antibody Production (AbP), Standard (STD)

## Product Details

Characteristics:	<ul style="list-style-type: none"><li>• Recombinant human Vitamin D-binding protein (transcript variant 1) protein expressed in HEK293 cells.</li><li>• Produced with end-sequenced ORF clone</li></ul>
Purity:	> 95 % as determined by SDS-PAGE and Coomassie blue staining
Endotoxin Level:	Endotoxin level is <0.1 ng/µg of protein (<1EU/µg).

## Target Details

Target:	Vitamin D-Binding Protein (GC)
Alternative Name:	Vitamin D-Binding Protein ( <a href="#">GC Products</a> )
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.

## Target Details

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].

Molecular Weight: 52.3kD

NCBI Accession: [NP\\_000574](#)

Pathways: [Metabolism of Steroid Hormones and Vitamin D, Monocarboxylic Acid Catabolic Process](#)

## Application Details

Application Notes: Recombinant human proteins can be used for:  
Native antigens for optimized antibody production  
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

## Handling

Buffer: Lyophilized from a 0.2 µM filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.