



# Human GC peptide (DAG-P1301)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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]
<b>Purity</b>	70 - 90% by HPLC.
<b>Conjugate</b>	Unconjugated
<b>Sequence Similarities</b>	Belongs to the ALB/AFP/VDB family.Contains 3 albumin domains.
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">GC group-specific component (vitamin D binding protein) [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	GC
<b>Synonyms</b>	GC; group-specific component (vitamin D binding protein); DBP; GRD3; VDBG; VDBP; DBP/GC; HEL-S-51; vitamin D-binding protein; VDB; gc-globulin; vitamin D-binding alpha-globulin; epididymis secretory protein Li 51;
<b>Entrez Gene ID</b>	<a href="#">2638</a>

<b>mRNA Refseq</b>	<a href="#">NM_000583.3</a>
<b>Protein Refseq</b>	<a href="#">NP_000574.2</a>
<b>UniProt ID</b>	P02774
<b>Chromosome Location</b>	4q12-q13
<b>Pathway</b>	Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Metabolism of steroid hormones and vitamin D, organism-specific biosystem; Vitamin D (calciferol) metabolism, organism-specific biosystem; Vitamin D synthesis, organism-specific biosystem;
<b>Function</b>	actin binding; calcidiol binding; vitamin D binding; vitamin transporter activity;