

# Recombinant Full Length Human GC Protein, GST-tagged

**Cat. No.** GC-5160HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human GC full-length ORF ( AAH57228.1, 1 a.a. - 474 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	474 amino acids
<b>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. [provided by RefSeq]
<b>Molecular Mass</b>	79.3 kDa
<b>AA Sequence</b>	<p>MKRVLVLLLAFAFGHALERGRDYEKKNKVCKEFSLGKEDFTLSLSLVLYSRKFPSGTF            EQVSQLVKEVVSLEACCAEGADPDCYDTRTSALSAKSCESENPFVHPGTAECCCT            KEGLERKLCMAALKHQPPQEFPTYVEPTNDEICEAFRKDPKEYANQFMWEYSTNYG            QAPLSLLVSYTKSYLSMVGSCCTSASPTVCFLKERLQLKHLSELLTTLNVRVCSQYAA            YGEKKSRLSNLIKLAQKVPTADLEDVPLAEDITNILSKCCESASEDCMAKELPEHTV            KLCDNLSTKNSKFEDCCQEKTAMDVFVCTYFMPAAQLPELPDVELPTNKDVCDPGN            TKVMDKYTFELSRRTHLPEVFLSKVLEPTLKSLGECDDVEDSTTCFNAKGPLLKEL            SSFIDKGQELCADYSENTFTEYKKKLAERLKAKLPDATPTELAKLVNKRSDFASNCC            SINSPPLYCDSEIDAELKNIL</p>

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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	GC group-specific component (vitamin D binding protein) [ Homo sapiens ]
<b>Official Symbol</b>	GC
<b>Synonyms</b>	GC; group-specific component (vitamin D binding protein); vitamin D-binding protein; DBP; hDBP; VDBP; VDB; gc-globulin; vitamin D-binding alpha-globulin; GRD3; VDBG; DBP/GC;
<b>Gene ID</b>	2638
<b>mRNA Refseq</b>	NM_000583
<b>Protein Refseq</b>	NP_000574
<b>MIM</b>	139200
<b>UniProt ID</b>	P02774

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