

Recombinant Full Length Human GC Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human GC full-length ORF (AAH57228.1, 1 a.a. - 474 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	474 amino acids
Description	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]
Molecular Mass	79.3 kDa
AA Sequence	MKRVLVLLLAFAFGHALERGRDYEKNKVCKEFSHLGKEDFTSLSLVLYSRKFPSGTF EQVSQLVKEVVSLEACCAEGADPDCYDTRTSALSAKSCESNSPFPVHPGTAECCCT KEGLERKLCMAALKHQPPQEFPTYVEPTNDEICEAFRKDPKEYANQFMWEYSTNYG QAPLSLLVSYTKSYLSMVGSCCTSASPTVCFLKERLQLKHLSTLTLNVRVCSQYAA YGEKKSRLSNLIKLAQKVPTADLEDVLPLAEDITNILSKCCESASEDCMAKELPEHTV KLCDNLSTKNSKFEDCCQEKAMDVVFVCTYFMPAAQLPELPDVELPTNKDVCDPGN TKVMDKYTFELSRRTHLPEVFLSKVLEPTLKSLGECCDVEDSTTCFNAKGPLLKKE SSFIDKGQELCADYSENTFTEYKKKLAERLKAKLPDATPTELAKLVNKRSDFASNCC SINSPPLYCDSEIDAELKNIL

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

GENE INFORMATION

Gene Name	GC group-specific component (vitamin D binding protein) [Homo sapiens]
Official Symbol	GC
Synonyms	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;
Gene ID	2638
mRNA Refseq	NM_000583
Protein Refseq	NP_000574
MIM	139200
UniProt ID	P02774

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