

Recombinant Human GC protein, His-tagged

Cat. No. GC-2947H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Human GC protein(P02774)(19-474aa), fused to N-terminal His tag, was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 19-474aa |
| Form | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| Molecular Mass | 55 kDa |
| AA Sequence | RGRDYEKNKVKCKEFSHLGKEDFTSLSLVLYSRKFPSGTFEQVSQLVKEVVSLEAC CAEGADPDCYDTRTSALSAKSCESNSPFPVHPGTAECCTKEGLERKLCMAALKHQ QEFPTYVEPTNDEICEAFRKDPKEYANQFMWEYSTNYGQAPLSLLVSYTKSYLSMV GSCCTSASPTVCFLKERLQLKHLSTLTLNRCVCSQYAAYGEKKSRLSNLIKLAQKVP TADLEDVLPLAEDITNILSKCESASEDCMAKELPEHTVKLCDNLSTKNSKFEDCCQE KTAMDVVFCYFMPAAQLPELPDVELPTNKDVCDPGNTKVMKDYTFELSRRTHLPE VFLSKVLEPTLKSLGECDDVEDSTTCFNAKGPLLKELSSFIDKQGELCADYSENTFT EYKKKLAERLKAKLPDATPTELAKLVNKHSDFASNCCSINSPPLYCDSEIDAELKNIL |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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| Purity | Greater than 90% as determined by SDS-PAGE. |
| Storage | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles. |
| Reconstitution | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. |

GENE INFORMATION

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|------------------------|---|
| 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 |
| UniProt ID | P02774 |

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