

Recombinant Mouse Gc protein, His-tagged

Cat. No. Gc-5410M **Lot. No.** (See product label)

SPECIFICATION

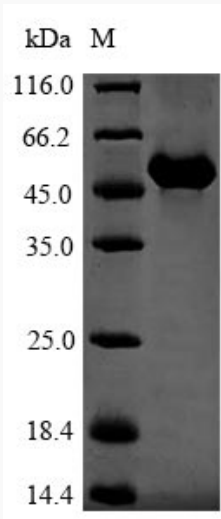
Product Overview	Recombinant Mouse Gc protein(P21614)(17-476aa), fused to N-terminal His tag, was expressed in Yeast.
Species	Mouse
Source	Yeast
ProteinLength	17-476aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	53 kDa
Purity	Greater than 85% 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

 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

Gene Name	Gc group specific component [<i>Mus musculus</i>]
Official Symbol	Gc
Synonyms	GC; group specific component; vitamin D-binding protein; gc-globulin; DBP; VDB;
Gene ID	14473
mRNA Refseq	NM_008096
Protein Refseq	NP_032122
SDS-PAGE	 The SDS-PAGE gel image displays molecular weight markers on the left in kDa: 116.0, 66.2, 45.0, 35.0, 25.0, 18.4, and 14.4. A single, prominent protein band is visible in the lane labeled 'M', positioned between the 45.0 and 66.2 kDa markers, consistent with the expected size of the Gc protein.