

Recombinant Mouse Gc protein, His-sumostar-tagged

Cat. No. Gc-5411M **Lot. No.** (See product label)

SPECIFICATION

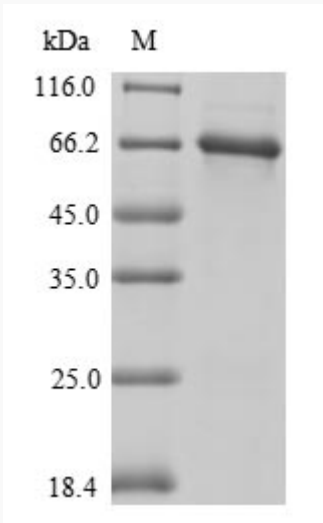
Product Overview	Recombinant Mouse Gc protein(P21614)(17-476aa), fused to N-terminal His and SUMOstar tag, was expressed in Yeast.
Species	Mouse
Source	Yeast
ProteinLength	17-476aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	67 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

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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 and a single protein band on the right. The markers are labeled with their respective molecular weights in kDa: 116.0, 66.2, 45.0, 35.0, 25.0, and 18.4. The protein band is located between the 45.0 and 66.2 kDa markers, appearing slightly above the 66.2 kDa marker.