

## Recombinant Mouse Gc protein, His-tagged

**Cat. No.** Gc-2948M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Gc protein(P21614)(17-476aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	17-476aa
<b>Form</b>	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
<b>Molecular Mass</b>	57.4 kDa
<b>AA Sequence</b>	<p>LERGRDYEKDKVCNELAMLGKEDFRSLSLILYSRKFFSSTFEQVNQLVKEVVSLTEE          CCAEGADPTCYDTRTSELSVKSCESDAPFPVHPGTPECCTKEGLERKLCMAALSHQ          PQEFPTYVEPTNDEICEAFRRDPKGFADQFLYEYSSNYGQAPLPLLVAYTKNYLSMV          GSCCTSANPTVCFVKERLQMKHLSLLTTMSNRVCSQYAAYGKEKSRLSHLIKLAQK          VPTANLENVPLAEDFTEILSRCCSTSEDCMASELPEHTIKICQNLSSKNSKFEECC          QENTPMNIFMCTYFMPAAEPLQLPAIKLPTGKDLGGQSTTQAMDQYTFELSRRTQV          PEVFLSKVLEPTLKTRECCDTQDSVACFSTQSPLLKRQLTSFIEKQEMCADYSEN          TFTEYKKKLAERLRKTPNTSPAELKDMVEKHSDFAKCCSINSPLYCQQIDAEMI          DTLQS</p>

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<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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

<b>Gene Name</b>	Gc group specific component [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	Gc
<b>Synonyms</b>	GC; group specific component; vitamin D-binding protein; gc-globulin; DBP; VDB;
<b>Gene ID</b>	14473
<b>mRNA Refseq</b>	NM_008096
<b>Protein Refseq</b>	NP_032122

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