

Recombinant Mouse Gc protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Gc protein(P21614)(17-476aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
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	57.4 kDa
AA Sequence	LERGRDYEKDKVCNELAMLGKEDFRSLSLILYSRKFSSTFEQVNQLVKEVVS LTEE CCAEGADPTCYDTRTSELSVKSCESDAPFPVHPGTPECCTKEGLERKLCMAALSHQ PQEFPTYVEPTNDEICEAFRRDPKGFADQFLYEYSSNYGQAPLPLLVAYTKNYLSMV GSCCTSANPTVCFVKERLQMKHLSLLTTMSNRVCSQYAAYGKEKSRLSHLIKLAQK VPTANLENVPLAEDFTEILSRCCESTSEDCMASELPEHTIKICQNLSSKNSKFEECC QENTPMNIFMCTYFMPAAEPLQLPAIKLPTGKDLCGQSTTQAMDQYTFELSRRTQV PEVFLSKVLEPTLKTRECCDTQDSVACFSTQSPLLKRQLTSFIEKGQEMCADYSEN TFTEYKKKLAERLRTKTPNTSPAELKDMVEKHSDFAKCCSINSPPLYCSSQIDAEMI DTLQS

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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

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

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