Recombinant Mouse Gc protein, His-tagged

Cat. No. Gc-1827M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gc aa. (Gln205~Gly403) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Gln205~Gly403
Form	Freeze-dried powder
Molecular Mass	25kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 6.7.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

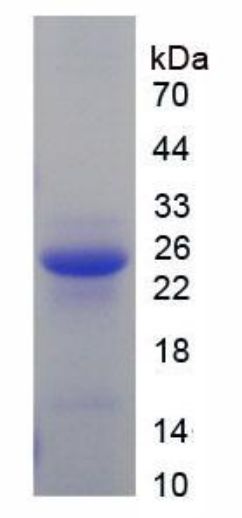
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200μg/mL
Storage Buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Gc group specific component [Mus musculus (house mouse)]
Official Symbol	Gc
Synonyms	COL3A1; collagen type III alpha 1 chain; EDS4A; collagen alpha-1(III) chain; Ehlers-Danlos syndrome type IV, autosomal dominant; alpha-1 type III collagen; alpha1 (III) collagen; collagen, fetal; collagen, type III, alpha 1
Gene ID	14473
mRNA Refseq	NM_008096.2
Protein Refseq	NP_032122.1
UniProt ID	P21614

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SDS-PAGE

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