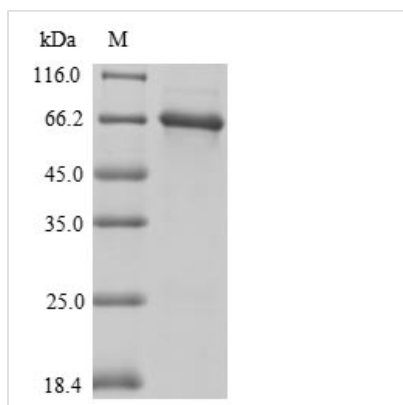




# Recombinant Mouse Vitamin D-binding protein (Gc)

<b>Product Code</b>	CSB-YP009306MOa4
<b>Relevance</b>	Involved in vitamin D transport and storage, scavenging of extracellular G-actin, enhancement of the chemotactic activity of C5 alpha for neutrophils in inflammation and macrophage activation.
<b>Abbreviation</b>	Recombinant Mouse Vitamin D-binding protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P21614
<b>Alias</b>	Gc-globulin Group-specific component
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Sequence</b>	LERGRDYEKDKVCNELAMLGKEDFRSLSLILYSRKFSSTFEQVNQLVKEVVS LTEECCAEGADPTCYDTRTSELSVKSCESDAPFPVHPGTPECCTKEGLERKLC MAALSHQPQEFPTYVEPTNDEICEAFRRDPKGFADQFLYEYSSNYGQAPLPLL VAYTKNYLSMVGSCCTSANPTVCFVKERLQMKHLSLLTTMSNRVCSQYAAYG KEKSRLSHLIKLAQKVPTANLENVPLAEDFTEILSRCESTSEDCMASELPEH TIKICQNLSKKNSKFEECCQENTPMNIFMCTYFMPAAEPLQLPAIKLPTGKDLG GQSTTQAMDQYTFELSRRTQVPEVFLSKVLEPTLKTRECCDTQDSVACFST QSPLLKRQLTSFIEKGQEMCADYSENTFTEYKKKLAERLRTKTPNTSPAELKD MVEKHSDFAKCCSINSPPLYCSSQIDAEMIDTLQS
<b>Source</b>	Yeast
<b>Target Names</b>	Gc
<b>Expression Region</b>	17-476aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-SUMOSTAR-tagged
<b>Mol. Weight</b>	67.9kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

### Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

### Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.