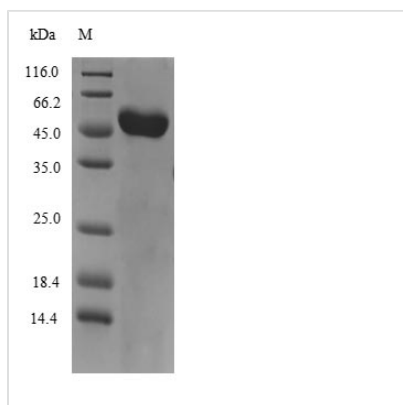




Recombinant Mouse Vitamin D-binding protein (Gc)

Product Code	CSB-EP009306MO
Relevance	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.
Abbreviation	Recombinant Mouse Vitamin D-binding protein
Storage	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.
Uniprot No.	P21614
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	LERGRDYEKDKVCNELAMLGKEDFRSLSLILYSRKFSSTFEQVNQLVKEVVS LTEECAEGADPTCYDTRTSELSVKSCESDAPFPVHPGTPECCTKEGLERKLC MAALSHQPQEFPTYVEPTNDEICEAFRRDPKGFADQFLYEYSSNYGQAPLPLL VAYTKNYLSMVGSCCTSANPTVCFVKERLQMKHLSLLTTMSNRVCSQYAAYG KEKSRLSHLIKLAQKVPTANLENVLPLAEDFTEILSRCCSTSEDCMASELPEH TIKICQNLSKKNSKFEECCQENTPMNIFMCTYFMPAAEPLQLPAIKLPTGKDLG GQSTTQAMDQYTFELSRRTQVPEVFLSKVLEPTLKTRECCDTQDSVACFST QSPLLKRQLTSFIEKGQEMCADYSENTFTEYKKKLAERLRKTPNTSPAELKD MVEKHSDFAKCCSINSPLYCSSQIDAEMIDTLQS
Research Area	Signal Transduction
Source	E.coli
Target Names	Gc
Protein Names	Gc-globulin Group-specific component
Expression Region	17-476aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	57.4kDa
Protein Length	Full Length of Mature Protein
Image	



(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

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