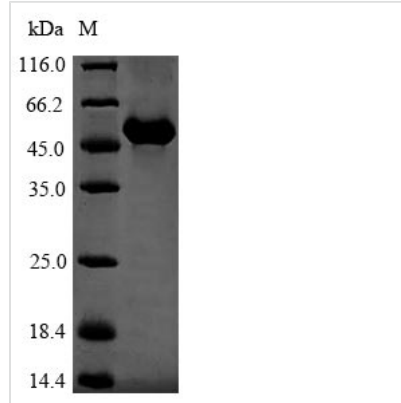


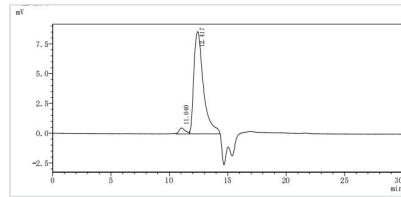


Recombinant Mouse Vitamin D-binding protein (Gc)

Product Code	CSB-YP009306MO
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 Proteins
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 95% as determined by SDS-PAGE. Greater than 95% as determined by SEC-HPLC.
Sequence	LERGRDYEKDKVCNELAMLGKEDFRSLSLILYSRKFFSSSTFEQVNQLVKEVVS LTEECCAEGADPTCYDTRTSELSVKSCESDAPFPVHPGTPECCTKEGLERKLC MAALSHQPQEFPTYVEPTNDEICEAFRRDPKGFADQFLYEYSSNYGQAPLPLL VAYTKNYLSMVGSCCTSANPTVCFVKERLQMKHLSLLTTMSNRVCSQYAAYG KEKSRLSHLIKLAQKVPTANLENVPLAEDFTEILSRCESTSEDCMASELPEH TIKICQNLSKKNSKFECCQENTPMNIFMCTYFMPAAEPLQLPAIKLPTGKDLG GQSTTQAMDQYTFELSRRTQVPEVFLSKVLEPTLKTRECCDTQDSVACFST QSPLLKRQLTSFIEKGQEMCADYSENTFTEYKKKLAERLRTKTPNTSPAELKD MVEKHSDFASKCCSINSPPLYCSSQIDAEMIDTLQS
Source	Yeast
Target Names	Gc
Protein Names	Recommended name: Vitamin D-binding protein Short name= DBP Short name= VDBAlternative name(s): 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	53.9kDa
Protein Length	Full Length of Mature Protein
Image	



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



The purity of Gc was greater than 95% as determined by SEC-HPLC

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.