



Recombinant Bovine Vitamin D-binding protein (GC)

Product Code	CSB-EP660833BO
Abbreviation	GC
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.	Q3MHN5
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	≥85% (SDS-PAGE)
Sequence	<p> LERG RDYEKDKVCK DLASLGREDF TSLSMVLYSR KFPSGTFEQI SHLVNEVVSL TVTCCAEGAD PDCYDNRTSA LSDKSCESNS PFPVHPGTPE CCTHEGLEKK LCMAALKHQP QEFPTYVEPT NDEICEAFRK DPKDFADRFM YEYSINYGQA PLTLLVGYTK SYLSMVGSCC TSPNPTVCFL KERLQLKHFS LLTIMTNRIC SQYAAYGKEK SRLSHLIKFA QKVPTAHLED VLPLAEDITT ILSKCCDSVS EDCIKELPEY AVKLCDNLST KNSKFKDCCQ EKTPMEIFVC AYFMPASPNP ELPDVKLPMN KDVCDEGNTK VLDQYIFELS RKTQIPEVFL TKILESTLKS LDECCHSESS TACLNAKGPQ LTRELSSFIQ KGQELCADYS ENTFTEYKKK LAERLRGKFP DATETDLQEL VAKRSDFASK CCSVNSPLY CNSEIDAEIN TLQS </p>
Source	E.coli
Target Names	GC
Protein Names	Recommended name: Vitamin D-binding protein Short name= DBP Short name= VDB Alternative name(s): Gc-globulin Group-specific component
Expression Region	17-474
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This protein belongs to the albumin gene family. It is a multifunctional protein found in plasma, ascitic fluid, cerebrospinal fluid and on the surface of many cell types. It binds to vitamin D and its plasma metabolites and transports them to target tissues.
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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