



Recombinant Human Vitamin D-binding protein (GC)

Product Code	CSB-MP009306HU
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.	P02774
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	RGRDYEKKNKVCKEFSLH GKEDFTSLSLVLYSRKFPSPGTFEQVSQLVKEVVSLT EACCAEGADPDCYDTRTSALS AKSCESNSPFPVHPGTAECCTKEGLERKLCM AALKHQ PQEFPTYVEPTNDEICEAFRKDPKEYANQFMWEYSTNYGQAPLSLL VSYTKSYLSMVGSCCTSASPTVCFLKERLQLKHL SLLTTLSNRVCSQYAAAYGE KKSRLSNLIKLAQKVPTADLEDV LPLAEDITNILSKCCESASEDCMAKELPEHTV KLCDNLSTKNSKFEDCCQEKTAMDV FVCTYFMPAAQLPELDPVELPTNKDVC DPGNTKVM DKYTFELSRRTHLPEVFLSKVLEPTL KSLGECDDVEDSTTCFNAK GPLLKKELSSFIDK GQELCADYSENTFTEYKKKLAERLKAKLPDATPTELAKLV NKHSDFASNCCSINSPLYCDSEIDAELKNIL
Research Area	Transport
Source	Mammalian cell
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	19-474aa
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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