SunLong Biotech Co.,LTD
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Recombinant Vitamin D Binding Protein (DBP)

Catalog Number: SIPB184Mu03 **Spec: 50ug**

Product Name	Recombinant Vitamin D Binding Protein (DBP)
Catalog Number	SIPB184Mu03
Organism Species	Mouse
Source	Prokaryotic expression
Host	E.coli
Residues	Leu17~Ser476
Tags	N-terminal His and GST Tag
Subcellular Location	Secreted
Purity	> 90%
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose .
Original Concentration	200μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	5.7
Predicted Molecular Mass	81.9kDa
Accurate Molecular Mass	82kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

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by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

LERG RDYEKDKVCN ELAMLGKEDF RSLSLILYSR
KFSSSTFEQV NQLVKEVVSL TEECCAEGAD PTCYDTRTSE LSVKSCESDA
PFPVHPGTPE CCTKEGLERK LCMAALSHQP QEFPTYVEPT NDEICEAFRR
DPKGFADQFL YEYSSNYGQA PLPLLVAYTK NYLSMVGSCC TSANPTVCFV
KERLQMKHLS LLTTMSNRVC SQYAAYGKEK SRLSHLIKLA QKVPTANLEN
VLPLAEDFTE ILSRCCESTS EDCMASELPE HTIKICQNLS KKNSKFEECC
QENTPMNIFM CTYFMPAAEP LQLPAIKLPT GKDLCGQSTT QAMDQYTFEL
SRRTQVPEVF LSKVLEPTLK TLRECCDTQD SVACFSTQSP LLKRQLTSFI
EKGQEMCADY SENTFTEYKK KLAERLRTKT PNTSPAELKD MVEKHSDFAS
KCCSINSPPL YCSSQIDAEM IDTLQS

[IDENTIFICATION]

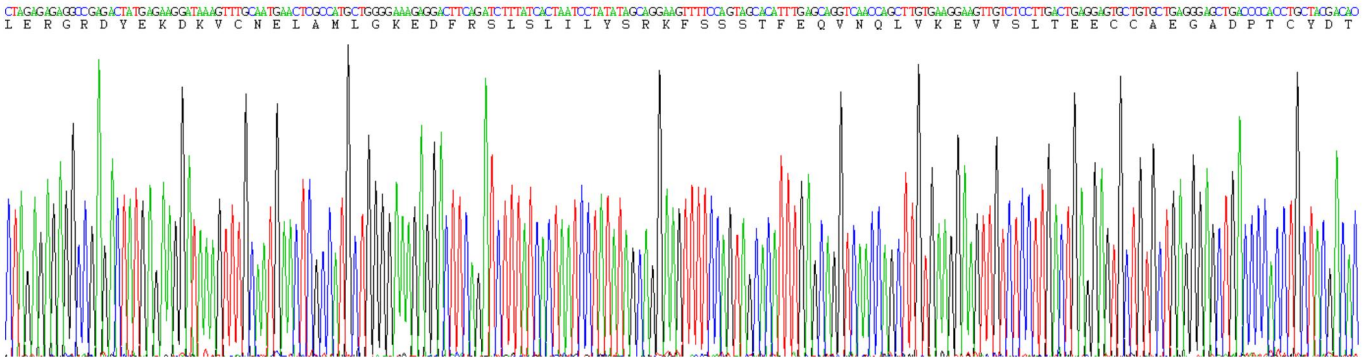
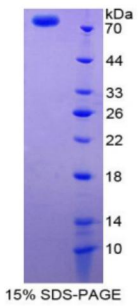


Figure. Gene Sequencing (Extract)



15% SDS-PAGE

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[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.