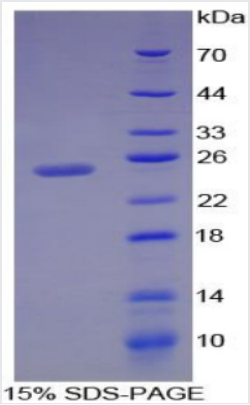
Vitamin D (DBP) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Vitamin D (DBP), Recombinant Protein
Full Product Name	Recombinant Vitamin D Binding Protein (DBP)
Product Gene Name	DBP recombinant protein
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below. MGSSHHHHH H SSGLVPRGSH MASMTGGQQM GRGS- LS LLTTLSNRVC SQYAAYGEKK SRLSNLIKLA QKVPTADLED VLPLAEDITN ILSKCCESAS EDCMAKELPE HTVKLCDNLS TKNSKFEDCC QEKTAMDVFV CTYFMPAAQL PELPDVELPT NKDVCDPGNT KVMDKYTFEL SRRTHLPEVF LSKVLEPTLK SLGECCDVED STTCFNAKGP LLKKELSSFI D
Host	Host: E Coli Source: Prokaryotic expression
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Purity/Purification	>95%
Concentration	5.7 (lot specific)
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Matching Pairs	Unconjugated Antibody: DBP Clone #C4 (MBS2032078) Immunogen: DBP (MBS2030831)
Matching Pairs	APC-CY7 Conjugated Antibody: DBP Clone #C4 (MBS2059355) Immunogen: DBP (MBS2030831)
Matching Pairs	PE Conjugated Antibody: DBP Clone #C4 (MBS2059358) Immunogen: DBP (MBS2030831)
Matching Pairs	APC Conjugated Antibody: DBP Clone #C4 (MBS2059361) Immunogen: DBP (MBS2030831)
Matching Pairs	Cy3 Conjugated Antibody: DBP Clone #C4 (MBS2059364) Immunogen: DBP (MBS2030831)
Matching Pairs	FITC Conjugated Antibody: DBP Clone #C4 (MBS2059368) Immunogen: DBP (MBS2030831)
Matching Pairs	HRP Conjugated Antibody: DBP Clone #C4 (MBS2059371) Immunogen: DBP (MBS2030831)
Matching Pairs	Biotin Conjugated Antibody: DBP Clone #C4 (MBS2091096) Immunogen: DBP (MBS2030831)
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Predicted Molecular Mass	25.0kDa
Accurate Molecular Mass (KD)	27kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)

Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and T7-tag
Organism Species	Homo sapiens (Human)
Fragment	Leu209~Asp401
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for DBP recombinant protein	SDS-PAGE, Western Blot (WB), ELISA (EIA), Immunoprecipitation (IP)
Related Product Information for DBP recombinant protein	MBS2030831 is a recombinant protein targeting DBP. Also known as Recombinant Vitamin D Binding Protein (DBP). Host: E Coli Source: Prokaryotic expression.
Other Notes	Small volumes of DBP recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



SDS-Page of DBP recombinant protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DBP. It may not necessarily be applicable to this product.

Protein Family	D site-binding protein
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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