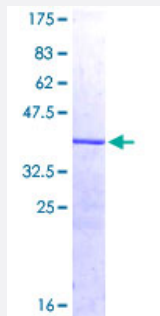


DBP (Human) Recombinant Protein (Q01)

Catalog # H00001628-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DBP partial ORF (NP_001343, 226 a.a. - 325 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RRHRFSEEELKPQPIMKKARKIQVP EEQKDEKYWSRRYKNNEAAKRSRDARRLKENQISVRAAFL EKENALLRQEVVAVRQELSHYRAVLSRYQAQHGAL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — DBP

Entrez GeneID	1628
GeneBank Accession#	NM_001352
Protein Accession#	NP_001343
Gene Name	DBP
Gene Alias	DABP
Gene Description	D site of albumin promoter (albumin D-box) binding protein
Omim ID	124097
Gene Ontology	Hyperlink
Gene Summary	DBP is a member of the PAR bZIP (proline and acidic amino acid-rich basic leucine zipper) transcription factor family (Khatib et al., 1994 [PubMed 7835883]).[supplied by OMIM]
Other Designations	-

Publication Reference

- [Regulatory mechanism governing the diurnal rhythm of intestinal H⁺/peptide cotransporter 1 \(PEPT1\).](#)
Saito H, Terada T, Shimakura J, Katsura T, Inui KI.
American Journal of Physiology. Gastrointestinal and Liver Physiology 2008 Jun; 295(2):G395.
Application: Func, Probe

Disease

- [Bipolar Disorder](#)
- [Chronobiology Disorders](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Graves Disease](#)
- [Kidney Failure](#)
- [Mood Disorders](#)
- [Multiple Sclerosis](#)
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- [Osteoporosis](#)
- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)
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