

Diazepam Binding Inhibitor (DBI) Recombinant Protein | DBI recombinant protein

Recombinant Diazepam Binding Inhibitor (DBI)

CATALOG # AAA134310	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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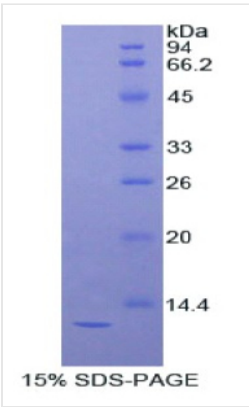
PRODUCT SYNONYMS

Diazepam Binding Inhibitor (DBI); Recombinant Diazepam Binding Inhibitor (DBI); DBI recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Concentration	Original Concentration: 200 Ug/mL (varies by lot)
Sequence	SQAEFDKAAE EVKRLKTQPT DEEMMLFIYS HFKQATVGDV NTDRPGLLDL KGKAKWDSWN KLKGTSKESA MKTYVEKVDE LKKKYGI
Applicable Applications for DBI recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Mus musculus
Source	Prokaryotic expression
Residues	Ser2~Ile87
Tags	N-terminal His Tag
Traits	Freeze-dried powder
Buffer	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose and Proclin300.
USAGE	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Subcellular Location	Endoplasmic reticulum lumen
Predicted isoelectric point	8.0
Predicted Molecular Mass	11.1kDa
Accurate Molecular Mass	13kDa as determined by SDS-PAGE reducing conditions.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined 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.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	6681137
NCBI GeneID	13167
NCBI Accession #	NP_031856.1
NCBI GenBank Nucleotide #	NM_007830.4
UniProt Accession #	P31786
NCBI Official Full Name	acyl-CoA-binding protein isoform 2
NCBI Official Synonym Full Names	diazepam binding inhibitor
NCBI Official Symbol	Dbi
NCBI Official Synonym Symbols	EP; Acbp; ACBD1; endozepine
NCBI Protein Information	acyl-CoA-binding protein; acyl-CoA binding protein; diazepam-binding inhibitor; diazepam binding inhibitor, splice form 1b
UniProt Protein Name	Acyl-CoA-binding protein
UniProt Gene Name	Dbi
UniProt Synonym Gene Names	ACBP; DBI; EP
UniProt Entry Name	ACBP_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/dbi-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134310>