

Acyl-CoA-binding protein (Dbi) Recombinant Protein | Dbi recombinant protein

Recombinant Rat Acyl-CoA-binding protein (Dbi)

CATALOG # AAA115342	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Acyl-CoA-binding protein (Dbi); Recombinant Rat Acyl-CoA-binding protein (Dbi); Dbi recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-87aa; Full Length of Mature Protein
Sequence	SQADFDKAAE EVKRLKTQPT DEEMLFYSH FKQATVGDNV TDRPGLLDLK GKAKWDSWNK LKGTSKENAM KTYVEKVEEL KKKYGI
Species	Rat
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Dbi recombinant protein	This gene encodes diazepam binding inhibitor, a protein that is regulated by hormones and is involved in lipid metabolism and the displacement of beta-carbolines and benzodiazepines, which modulate signal transduction at type A gamma-aminobutyric acid receptors located in brain synapses. The protein is conserved from yeast to mammals, with the most highly conserved domain consisting of seven contiguous residues that constitute the hydrophobic binding site for medium- and long-chain acyl-Coenzyme A esters. Diazepam binding inhibitor is also known to mediate the feedback regulation of pancreatic secretion and the postprandial release of cholecystokinin, in addition to its role as a mediator in corticotropin-dependent adrenal steroidogenesis. Three pseudogenes located on chromosomes 6, 8 and 16 have been identified. Multiple transcript variants encoding different isoforms have been described for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13937379
NCBI GeneID	25045
NCBI Accession #	NP_114054.1
NCBI GenBank Nucleotide #	NM_031853.4
UniProt Accession #	P11030; Q2V4X5; Q63160

Molecular Weight	16.9 kDa
NCBI Official Full Name	acyl-CoA-binding protein
NCBI Official Synonym Full Names	diazepam binding inhibitor, acyl-CoA binding protein
NCBI Official Symbol	Dbi
NCBI Official Synonym Symbols	Ep; Odn; Ttn; Acbp; Acoabp3; RNACOABP3
NCBI Protein Information	acyl-CoA-binding protein
UniProt Protein Name	Acyl-CoA-binding protein
UniProt Gene Name	Dbi
UniProt Synonym Gene Names	ACBP; DBI; EP; TTN; ODN

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://www.aaabiotech.com/dbi-recombinant-protein-e-coli/115342>