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

Recombinant Rabbit Acyl-CoA-binding protein (DBI)

CATALOG #	HOST
AAA116690	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Acyl-CoA-binding protein (DBI); Recombinant Rabbit 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	2-87, Full length protein
Sequence	SQAEFEKAAE EVKNLKTKPA DAEMLFIYSH YKQATVGDVN TERPGMLDLK GKAKWDAWNE LKGTSKESAM RAYVDKVEEL KQKYGI
Sequence Length	86
Species	Rabbit
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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126722944
NCBI GeneID	100008823
NCBI Accession #	NP_001075582.1
NCBI GenBank Nucleotide #	NM_001082113.1
UniProt Accession #	Q8WN94
Molecular Weight	9,915 Da
NCBI Official Full Name	acyl-CoA-binding protein
NCBI Official Symbol	DBI

NCBI Official Synonym Symbols	EP; ACBP
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

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-or-yeast-or-baculovirus-or-mammalian-cell/116690