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

Recombinant Mouse Acyl-CoA-binding protein (Dbi)

CATALOG #	HOST
AAA113648	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Acyl-CoA-binding protein (Dbi); Recombinant Mouse 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	SQAEFDKAAE EVKRLKTQPT DEEMLFIYSH FKQATVGDVN TDRPGLLDLK GKAKWDSWNK LKGTSKESAM KTYVEKVDEL KKKYGI
Species	Mouse
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 #	6681137
NCBI GeneID	13167
NCBI Accession #	NP_031856.1
NCBI GenBank Nucleotide #	NM_007830.4
UniProt Accession #	P31786
Molecular Weight	16.9 kDa
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
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/113648