9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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DBI Mouse

Diazepam Binding Inhibitor Mouse Recombinant
RCP0613

Product Overview

Name	DBI Mouse
Description	
Diazepam Binding Inhibitor Mouse Recombinant	
Accession (Primary)	P31786
Synonyms	
Acyl-CoA-binding protein, ACBP, Diazepam-binding inhibitor, DBI, Endozepine, EP, Dbi.	
Introduction	
DBI, also known as Acyl-CoA-binding protein isoform 2, is a diazepam binding inhibitor, which is regulated by hormones. DBI participates in lipid metabolism and in the displacement of beta-carbolines & benzodiazepines, which modulate signal transduction at type A gamma-aminobutyric acid receptors located in brain synapses. Moreover, during adipocyte differentiation the expression of DBI is significantly induced. DBI preforms as an acyl-CoA pool former and regulates LCFA (long-chain fatty acids) metabolism in peripheral tissues.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
DBI protein solution (1mg/ml) contains Phosphate buffer saline (pH7.4).	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MSQAEFD KAAEEVKRLK TQPTDEEMLF IYSHFKQATV GDVNTDRPGL LDLKGKAKWD SWNKLKGTSK ESAMKTYVEK VDELKKKYGI	
Precautions	
DBI Mouse is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P31786)