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

DBI Human Recombinant
RCP0612

Product Overview

Name	DBI Human
Description	
DBI Human Recombinant	
Accession (Primary)	P07108
Synonyms	
ACBP, ACBD1, CCK-RP, EP, DBI, EP, MGC70414, Acyl-CoA-binding protein, GABA receptor modulator.	
Introduction	
DBI, also known as Acyl-CoA-binding protein isoform 2, is a 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 colorless solution.	
Formulation	
DBI Human solution containing 20mM Tris-HCl pH-8, 0.1M NaCl & 10% glycerol.	
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% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MSQAEFEKAA EEVRHLKTKP SDEEMLFIYG HYKQATVGDI NTERPGMLDF TGKAKWDAWN ELKGTSKEDA MKAYINKVEE LKKKYGI.	
Precautions	
DBI Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P07108)