

Datasheet for ABIN667004

Diazepam Binding Inhibitor Protein (DBI) (AA 1-87) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Diazepam Binding Inhibitor (DBI)
Protein Characteristics:	AA 1-87
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Diazepam Binding Inhibitor protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	ACBP, 1-87aa, Human, His tag, E.coli
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	Diazepam Binding Inhibitor (DBI)
Alternative Name:	ACBP (DBI Products)
Background:	ACBP, also known as ACBD1, is a 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. Expression of ACBP is significantly induced during adipocyte differentiation. ACBP is a target for proliferator-activated receptor (PPAR)gamma,

Target Details

and is directly activated by PPARgamma/RXRalpha and PPARalpha/RXRalpha, but not by PPARdelta/RXRalpha. Recombinant human ACBP protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: ACBD1, CCK-RP, EP, DBI, Acyl-CoA-binding protein. NCBI no.: NP_001073331

Molecular Weight: 12.2 kDa (107aa), confirmed by MALDI-TOF

Application Details

Restrictions: For Research Use only

Handling

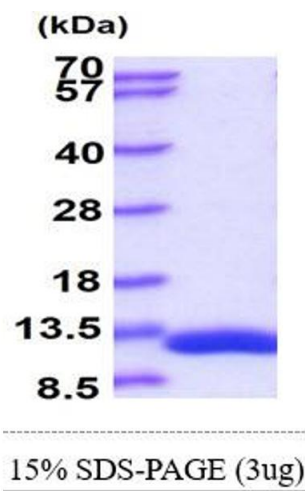
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.1M NaCl, 10% glycerol

Storage: 4 °C

Images



SDS-PAGE

Image 1.