

Datasheet for ABIN5709385

Diazepam Binding Inhibitor Protein (DBI) (AA 2-105) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Diazepam Binding Inhibitor (DBI)
Protein Characteristics:	AA 2-105
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

Sequence:	MWGDLWLLPP ASANPGTGTE AEFEKAAEEV RHLKTKPSDE EMLFIYGHYK QATVGDINTE RPGMLDFTGK AKWDAWNLK GTSKEDAMKA YINKVEELKK KYGI
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	Diazepam Binding Inhibitor (DBI)
Alternative Name:	ACBP (DBI Products)
Background:	Binds medium- and long-chain acyl-CoA esters with very high affinity and may function as an intracellular carrier of acyl-CoA esters. It is also able to displace diazepam from the benzodiazepine (BZD) recognition site located on the GABA type A receptor. It is therefore

Target Details

	possible that this protein also acts as a neuropeptide to modulate the action of the GABA receptor.
Molecular Weight:	15.9 kDa
UniProt:	P07108

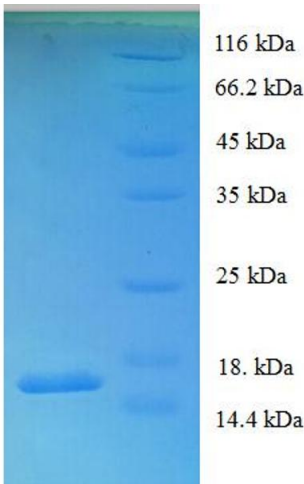
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C,4 °C,-20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



SDS-PAGE

Image 1.