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Datasheet for ABIN1476001

Diazepam Binding Inhibitor Protein (DBI) (AA 2-87) (His tag)

Overview

Quantity:	1 mg
Target:	Diazepam Binding Inhibitor (DBI)
Protein Characteristics:	AA 2-87
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Diazepam Binding Inhibitor protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SQADFDKAA EEVKRLKTQP TDEEMLFYS HFKQATVGDV NTDRPGLLDL KGKAKWDSWN KLKGTSKENA MKTYVEKVEE LKKKYGI
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	Diazepam Binding Inhibitor (DBI)
Alternative Name:	Acyl-CoA-binding protein (Dbi) (DBI Products)

Target Details

Background:	Recommended name: Acyl-CoA-binding protein. Short name= ACBP. Alternative name(s): Diazepam-binding inhibitor. Short name= DBI Endozepine. Short name= EP Cleaved into the following 2 chains: 1. Triakontatetrapeptide. Short name= 2. TTN 3. Octadecapeptide. Short name= 4. ODN
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UniProt:	P11030
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Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C

Handling

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.