

Product datasheet

Recombinant Mouse DBI protein (His tag) ab229507

1 Image

Description

| | | |
|--|---|--|
| Product name | Recombinant Mouse DBI protein (His tag) | |
| Purity | > 95 % SDS-PAGE. ab229507 was purified using conventional chromatography techniques. | |
| Expression system | Escherichia coli | |
| Accession | P31786 | |
| Protein length | Full length protein | |
| Animal free | No | |
| Nature | Recombinant | |
| Species | Mouse | |
| Sequence | MGSSHHHHHHSSGLVPRGSHMGSMSQAEFDKAAEEVK RLKTQPTDEEMLF YSHFKQATVGDVNTDRPGLLDLKGKAKWDSWNKLGTS KESAMKTWEK VDELKKKYG | |
| Predicted molecular weight | 12 kDa including tags | |
| Amino acids | 1 to 87 | |
| Tags | His tag N-Terminus | |
| Additional sequence information | NP_031856. | |

Specifications

Our [Abpromise guarantee](#) covers the use of **ab229507** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| | |
|--------------------------|--|
| Applications | SDS-PAGE Mass Spectrometry |
| Mass spectrometry | MALDI-TOF |
| Form | Liquid |
| Additional notes | This product was previously labelled as Diazepam Binding Inhibitor |

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.40

Constituent: PBS

General Info

Function

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 possible that this protein also acts as a neuropeptide to modulate the action of the GABA receptor.

Tissue specificity

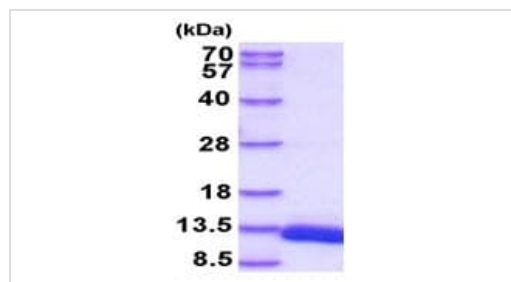
Isoform 1 is ubiquitous, with a moderate expression level. Isoform 2 is ubiquitous with high level in liver and adipose tissue. Isoform 3 is ubiquitous with strong expression in adipose tissue and heart.

Sequence similarities

Belongs to the ACBP family.

Contains 1 ACB (acyl-CoA-binding) domain.

Images



15% SDS-PAGE analysis of 3 µg ab229507.

SDS-PAGE - Recombinant Mouse DBI protein (His tag) (ab229507)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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