

Product datasheet

Recombinant Human DBI protein ab84342

1 Image

Description

Product name	Recombinant Human DBI protein
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Tags	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab84342** 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
Form	Lyophilized
Additional notes	ab84342 is supplied with a vial of storage buffer (20mM HEPES, pH7.0/10% Glycerol). This product was previously labelled as Diazepam Binding Inhibitor

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. Constituents: 0.476% HEPES, 10% Glycerol (glycerin, glycerine)
Reconstitution	Reconstitute in 20mM HEPES, pH 7.0

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
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receptor.

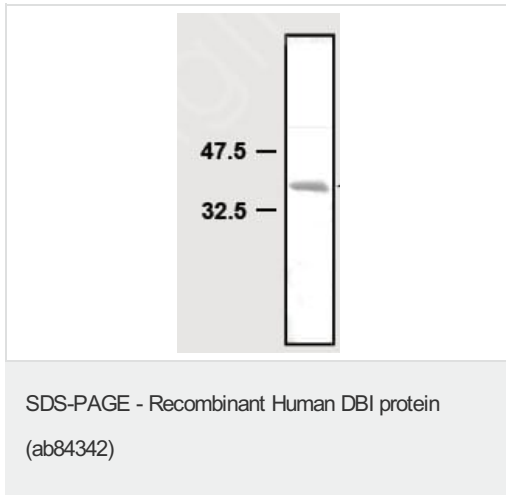
Tissue specificity

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



SDS-PAGE showing ab84342 at approximately 38kDa (1µg).

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

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