

Recombinant Mouse Dbi Protein, Myc/DDK-tagged

Cat. No. Dbi-2462M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length diazepam binding inhibitor (Dbi), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	10 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Dbi diazepam binding inhibitor [Mus musculus (house mouse)]
Official Symbol	Dbi
Synonyms	DBI; diazepam binding inhibitor; acyl-CoA-binding protein; acyl-CoA binding protein; diazepam-binding inhibitor; diazepam binding inhibitor, splice form 1b; EP; Acbp; ACBD1; endozepine
Gene ID	13167
mRNA Refseq	NM_007830
Protein Refseq	NP_031856
UniProt ID	P31786

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