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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

DBI (Human) Recombinant Protein (Q01)

Catalog Number: H00001622-Q01

Regulation Status: For research use only (RUO)

Product Description: Human DBI partial ORF (NP_065438, 1 a.a. - 104 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MWGDLWLLPPASANPGTGTEAEFEKAAEEVRHLKTK
PSDEEMLFYGHYKQATVGDINTERPGMLDFTGKAKW
DAWNEKLGTSKEDAMKAYINKVEELKKKYGI

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 37.18

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1622

Gene Symbol: DBI

Gene Alias: ACBD1, ACBP, CCK-RP, EP, MGC70414

Gene Summary: This gene encodes diazepam binding inhibitor, a protein that is regulated by hormones and is involved in lipid metabolism and the displacement of beta-carbolines and benzodiazepines, which modulate signal transduction at type A gamma-aminobutyric acid

receptors located in brain synapses. The protein is conserved from yeast to mammals, with the most highly conserved domain consisting of seven contiguous residues that constitute the hydrophobic binding site for medium- and long-chain acyl-Coenzyme A esters. Diazepam binding inhibitor is also known to mediate the feedback regulation of pancreatic secretion and the postprandial release of cholecystokinin, in addition to its role as a mediator in corticotropin-dependent adrenal steroidogenesis. Three pseudogenes located on chromosomes 6, 8 and 16 have been identified. Multiple transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]