

Diazepam Binding Inhibitor Human Recombinant

Item Number	rAP-4472
Synonyms	ACBP, ACBD1, CCK-RP, EP, DBI, EP, MGC70414, Diazepam-binding inhibitor, Acyl-CoA-binding protein, GABA receptor modulator.
Description	DBI Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 107 amino acids (1-87a.a.) and having a molecular mass of 12.2kDa. DBI protein is fused to a 20 amino acid His tag at N-terminus and is purified by standard chromatography.
Uniprot Accesion Number	P07108
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MSQAEFEKAA EEVRHLKTKP SDEMLFIYG HYKQATVGDIN NTERPGMLDF TGKAKWDawn ELKGTSKEDA MKAYINKVEE LKKKYGI.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	DBI Human solution containing 20mM Tris-HCl pH-8, 0.1M NaCl & 10% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**