Recombinant Human DBI, His tagged

Cat. No. DBI-113H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DBI (P07108-2) (Met1-Ala87), fused with a polyhistidine tag at the N-terminus, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-87 a.a.
Predicted N Terminal	His
Form	Lyophilized from sterile PBS, pH 7.4.Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant human DBI consists of 122 amino acids and predicts a molecular mass of 14 KDa. It migrates as an approximately 18 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per μg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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	be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	DBI diazepam binding inhibitor (GABA receptor modulator, acyl-CoA binding protein) [Homo sapiens]
Official Symbol	DBI
Gene ID	1622
mRNA Refseq	NM_001079862
Protein Refseq	NP_001073331
MIM	125950
UniProt ID	P07108
Chromosome Location	2q12-q21

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