

Recombinant Human DBN1 Protein, His-tagged

Cat. No. DBN1-672H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DBN1(Gly3~Ser134) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly3~Ser134
Description	The protein encoded by this gene is a cytoplasmic actin-binding protein thought to play a role in the process of neuronal growth. It is a member of the drebrin family of proteins that are developmentally regulated in the brain. A decrease in the amount of this protein in the brain has been implicated as a possible contributing factor in the pathogenesis of memory disturbance in Alzheimer's disease. At least two alternative splice variants encoding different protein isoforms have been described for this gene.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	17.9kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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If bio-activity of the protein is needed, please check active protein

Stability

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in PBS or others

GENE INFORMATION

Gene Name

DBN1 drebrin 1 [Homo sapiens]

Official Symbol

DBN1

Synonyms

DBN1; drebrin 1; D0S117E; drebrin; drebrin E; drebrin-1; drebrin E2; developmentally-regulated brain protein; DKFZp434D064;

Gene ID

1627

mRNA Refseq

NM_004395

Protein Refseq

NP_004386

MIM

126660

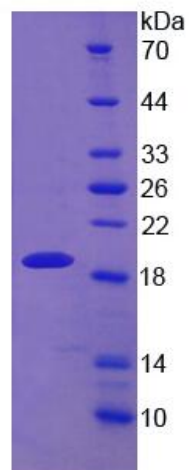
UniProt ID

Q16643

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15% SDS-PAGE

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