

Recombinant Full Length Human DBN1 Protein, GST-tagged

Cat. No. DBN1-2567HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DBN1 full-length ORF (AAH00283, 1 a.a. - 649 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	649 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	97.13 kDa
AA Sequence	MAGVSFSGHRLELLAAYEEVIREESAADWALYTYEDGSDDLKLAASGEGGLQELSG HFENQKVMYGFCSVKDSQAALPKYVLINWVGEDVPDARKCACASHVAKVAEFFQG VDVIVNASSVEDIDAGAIGQRLSNGLARLSSPVLHRLRLREDENAEPVGTTYQKTD AVEMKRINREQFWEQAKKEEELRKEEERKKALDERLRFEQERMEQERQEERER RYREREQQIEEHRRKQQTLEAEEAKRRLKEQSIFGDHRDEEEETHMKKSESEVEEA AIIAQRPDNPREFFKQQERVASASAGSCDVPSPFNHRPGSHLDSHRRMAPTPIPT

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

RSPSDSSTASTPVAEQIERALDEVTSSQPPPLPPPPPPAQETQEPSPILDSEETRAA
 APQAWAGPMEEPPQAQAPPRGPGSPAEDLMFMESAEQAVLAAPVEPATADATEV
 HDAADTIETDTATADTTVANNVPPAATSLIDLWPGNGEGASTLQGEPRAPTPPSGTE
 VT LAEVPLLDEVAPELLPAGEGCATLLNFDELPEPPATFCDPEEVEGEPLAAPQTP
 TLPSALEELEQEQEPEPHLLTNGETTQKEGTQASEGYFSQSQEEEEFAQSEELCAKA
 PPPVFYINKPPEIDITCWDADPVPEEEEEGFEGGD

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

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

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

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Protein Refseq	NP_004386
MIM	126660
UniProt ID	Q16643

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