

# Recombinant Full Length Human DBN1 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human DBN1 full-length ORF ( AAH00283, 1 a.a. - 649 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	649 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	97.13 kDa
<b>AA Sequence</b>	MAGVSFSGHRLELLAAYEEVIREESAADWALYTYEDGSDDLKLAASGEGGLQELSG HFENQKVMYGFCSVKDSQAALPKYVLINWVGEDVPDARKCACASHVAKVAEFFQG VDVIVNASSVEDIDAGAIGQRLSNGLARLSSPVLHRLRLREDENAEPVGTTYQKTD AVEMKRINREQFWEQAKKEEELRKEEERKKALDERLRFEQERMEQERQEERER RYREREQQIEEHRRKQQTLEAEEAKRRLKEQSIFGDHRDEEEETHMKKSESEVEEA AIIIAQRPDNPREFFKQQERVASASAGSCDVPSPFNHRPGSHLDSHRRMAPTPIPT

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RSPSDSSTASTPVAEQIERALDEVTSSQPPPLPPPPPPAQETQEPPSPILDSEETRAA  
 APQAWAGPMEEPPQAQAPPRGPGSPAEDLMFMESAEQAVLAAPVEPATADATEV  
 HDAADTIETDTATADTTVANNVPPAATSLIDLWPGNGEGASTLQGEPRAPTPPSGTE  
 VTLAEVPLLDEVAPEPLLPAGEGCATLLNFDELPEPPATFCDPEEVEGEPLAAPQTP  
 TLPSALEELEQEQEPEPHLLTNGETTQKEGTQASEGYFSQSQEEEEFAQSEELCAKA  
 PPPVFYKNPPEIDITCWDADPVPEEEEEGFEGGD

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	DBN1 drebrin 1 [ Homo sapiens ]
<b>Official Symbol</b>	DBN1
<b>Synonyms</b>	DBN1; drebrin 1; D0S117E; drebrin; drebrin E; drebrin-1; drebrin E2; developmentally-regulated brain protein; DKFZp434D064;
<b>Gene ID</b>	1627
<b>mRNA Refseq</b>	NM_004395

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**Protein Refseq** [NP\\_004386](#)

**MIM** [126660](#)

**UniProt ID** [Q16643](#)

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