

Recombinant Full Length Human DNMBP Protein, GST-tagged

Cat. No. DNMBP-4047HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DNMBP full-length ORF (AAH41628.1, 1 a.a. - 823 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	823 amino acids
Description	This gene encodes a protein belonging to the guanine nucleotide exchange factor family, and which regulates the configuration of cell junctions. It contains multiple binding sites for dynamin and thus links dynamin to actin regulatory proteins. Polymorphisms in this gene have been linked to Alzheimer's disease in some populations, though there are conflicting reports of such linkages in other populations. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]
Molecular Mass	120 kDa
AA Sequence	MTLLSSQSSSLVAPSGSVSAENPEQRMLEKRAKVIEELLQTERDYIRDLEMCIERIMV PMQQAQVPNIDFEGFLFGNTQMVIKVSQQLLAALISDAVGVPVFLGHRDELEGTYKIY CQNHDEAIALLEIYEKDEKIQKHLQDSLADLKSLYNEWGCTNYINLGSFLIKPVQVRVM RYPLLLMELLNSTPESHDPKVPLTNAVLAVKEINVNINEYKRRKDLVLKYRKGDEDSL MEKISKLNIIHSIIKKSNRVSSHLKHLTGAFAPQIKDEVFEETKFNFRMQRERLIKSFIRDLS LYLQHIRESA CVKVVA AVSMWDVCMERGH RDLEQFERVHRYISDQLFTNFKERTER

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LVISPLNQLLSMFTGPHKLVQKRFDKLLDFYNCTERAELKDKKLEELQSARNNYE
 ALNAQLLDELDPKFHQYAQGLFTNCVHGYAEAHCDFVHQALEQLKPLL SLLKVAGRE
 GNLI AIFHEEHSRVLQQLQVFTFFPESLPATKKPFERKTIDRQSARKPLLGLPSYMLQ
 SEELRASLLARYPPEKLFQAERNFNAAQDL DVSLLLEGDLVGVIKKKDPMGSQNRWLI
 DNGVTKG FVYSSFLKPYNPRRSHSDASVGSHSSTESEHGSSSPRFPRQNSGSTLTF
 NPSSMAVSFTSGSCQKQPQDASPPPKEWDQGTLSASLNPSNSESSPSRCPSPDPS
 TSQPRSGDSADVARDVKQPTATPRSYRNF RHPEIVGYSVPGRNGQSQDLVKGCAR
 TAQAPEDRSTEPDGSEAEGNQVYFAVYTFKARNPNELSVSANQKLKILEFKDVTGN
 TEWWLAEVNGKKGYVPSNYIRKTEYT

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

DNMBP dynamin binding protein [Homo sapiens]

Official Symbol

DNMBP

Synonyms

DNMBP; dynamin binding protein; dynamin-binding protein; ARHGEF36; KIAA1010;
 scaffold protein TUBA; Tuba; TUBA; RP11-114F7.3;

Gene ID

23268

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mRNA Refseq	NM_015221
Protein Refseq	NP_056036
MIM	611282
UniProt ID	Q6XZF7

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