

## Recombinant Human DNMBP, His-tagged

**Cat. No.** DNMBP-28369TH    **Lot. No.** (See product label)

### SPECIFICATION

|                                 |                                                                                                                                                        |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>         | Recombinant fragment, corresponding to amino acids 1400-1577 of Human DNMBP with N terminal His tag; 178 amino acids, 44kDa.                           |
| <b>Species</b>                  | Human                                                                                                                                                  |
| <b>Source</b>                   | E.coli                                                                                                                                                 |
| <b>ProteinLength</b>            | 1400-1577 a.a.                                                                                                                                         |
| <b>Description</b>              | DNMBP belongs to the DBL (MIM 311030) family of guanine nucleotide exchange factors and plays a role in the regulation of cell junctions (Otani et al. |
| <b>Conjugation</b>              | His                                                                                                                                                    |
| <b>Tissue specificity</b>       | Detected in heart, brain, lung, liver, skeletal muscle, kidney and pancreas.                                                                           |
| <b>Form</b>                     | Lyophilised:Reconstitute with 84 µl aqua dest.                                                                                                         |
| <b>Storage buffer</b>           | Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5                                          |
| <b>Storage</b>                  | Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.                                                                  |
| <b>Sequences of amino acids</b> | QKQPQDASPPPKECDQGTLASLNPSNSESSPSRCPSDPD STSQPRSGDSADVA<br>RDVKQPTATPRSYRNFHRHPEIVGY SVPGRNGQSQDLVKGCARTAQAPEDRSTEPD                                    |

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GSEAEGN QVYFAVYTFKARNPNELSVSANQKLKILEFKDVTGNTTEWW LAEVNGKK  
GYVPSNYIRKTEYT

**Sequence**  
**Similarities** Contains 1 BAR domain.Contains 1 DH (DBL-homology) domain.Contains 6 SH3 domains.

## 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;

**Gene ID** 23268

**mRNA Refseq** NM\_015221

**Protein Refseq** NP\_056036

**MIM** 611282

**Uniprot ID** Q6XZF7

**Chromosome Location** 10q24.31

**Pathway** Regulation of CDC42 activity, organism-specific biosystem;

**Function** Rho guanyl-nucleotide exchange factor activity; guanyl-nucleotide exchange factor activity; protein binding;

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