

## Recombinant Human DEDD Protein, His-tagged

Cat. No. DEDD-538H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| <b>Product Overview</b> | Recombinant Human DEDD, transcript variant 4, fused with His tag at N-terminal was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | This gene encodes a protein that contains a death effector domain (DED). DED is a protein-protein interaction domain shared by adaptors, regulators and executors of the programmed cell death pathway. Overexpression of this gene was shown to induce weak apoptosis. Upon stimulation, this protein was found to translocate from cytoplasm to nucleus and colocalize with UBTF, a basal factor required for RNA polymerase I transcription, in the nucleolus. At least three transcript variants encoding the same protein have been found for this gene. |
| <b>Form</b>             | 25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Molecular Mass</b>   | 36.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

### GENE INFORMATION

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|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | DEDD death effector domain containing [ Homo sapiens ]                                                                                                                                         |
| <b>Official Symbol</b> | DEDD                                                                                                                                                                                           |
| <b>Synonyms</b>        | DEDD; death effector domain containing; death effector domain-containing protein; CASP8IP1; DEDD1; DEFT; FLDED1; KE05; DEDPro1; FLDED-1; death effector domain-containing testicular molecule; |
| <b>Gene ID</b>         | 9191                                                                                                                                                                                           |
| <b>mRNA Refseq</b>     | NM_001039711                                                                                                                                                                                   |
| <b>Protein Refseq</b>  | NP_001034800                                                                                                                                                                                   |
| <b>MIM</b>             | 606841                                                                                                                                                                                         |
| <b>UniProt ID</b>      | O75618                                                                                                                                                                                         |

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