

**DEDD, 1-318aa Human, His tag, E.coli**

**Cat.NO.: TP01858**

3th Edition

**Synonyms:**Death effector domain-containing protein, CASP8IP1, DEDD1, DEFT, FLDED1, KE05

**Description:**Death effector domain-containing protein, also known as DEDD, is a cytoplasmic protein. It translocates to the nucleus during CD95-mediated apoptosis, where it localizes to nucleoli-like structures, activates caspase-6 and specifically inhibits RNA polymerase I-dependent transcription. The cell death activity of DEDD relates to its nuclear localization. DEDD is widely expressed in a variety of tissues, with highest levels in the testis. Overexpression of this gene was shown to induce weak apoptosis. Recombinant human DEDD protein, fused to His-tag at N-terminus, was expressed in E.coli.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

**Molecular Weight:**38.9 kDa (338aa)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMAGLKRRASQVWPEEHGGEHGLYSLHRMFDIVGTHLTHRDVRVLSFLFVDVID  
DHERGLIRNGRDFLLALERQGRCDENFRQVLQLLRITRHDLLPYVTLKRRRAVCPDLVDKYLEETSIRYVTPRALS  
DPEPRPPQPSKTVPPHYVVCPTSGPQMCSKRPARGRATLGSQRKRRKSVTPDPKEKQTCDIRLRVRAEYCQH  
ETALQGNVFSNKQDPLERQFERFNQANTILKSRDLGSIICDIKFSELYLDAFWRDYINGSLLEALKGVFITDSLKQAV  
GHEAIKLLVNVDEEDYELGRQKLLRNMLQALP

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.