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Recombinant human DEDD protein

Catalog Number: ATGP1945

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-318aa

UniProt No.

075618

NCBI Accession No.

NP 127491

Alternative Names

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

PRODUCT SPECIFICATION

Molecular Weight

38.9 kDa (338aa)

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.



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Amino acid Sequence

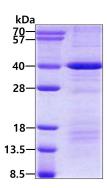
<MGSSHHHHHH SSGLVPRGSH> MAGLKRRASQ VWPEEHGEQE HGLYSLHRMF DIVGTHLTHR DVRVLSFLFV DVIDDHERGL IRNGRDFLLA LERQGRCDES NFRQVLQLLR IITRHDLLPY VTLKRRRAVC PDLVDKYLEE TSIRYVTPRA LSDPEPRPPQ PSKTVPPHYP VVCCPTSGPQ MCSKRPARGR ATLGSQRKRR KSVTPDPKEK QTCDIRLRVR AEYCQHETAL QGNVFSNKQD PLERQFERFN QANTILKSRD LGSIICDIKF SELTYLDAFW RDYINGSLLE ALKGVFITDS LKQAVGHEAI KLLVNVDEED YELGRQKLLR NLMLQALP

General References

Stegh A H., et al. (1998) EMBO J. 17:5974-5986. Schickling O., et al. (2001) Cell Death Differ. 8:1157-1168.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

