

Recombinant human DEDD protein

Catalog Number: ATGP1945

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-318aa

UniProt No.

O75618

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

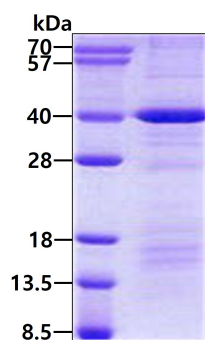
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LSDPEPRPPQ PSKTVPPHYP VVCCPTSGPQ MCSKRPARGR ATLGSRKRR KSVTPDPKEK QTCDIRLRVR AEYCQHETAL
QGNVFSNKQD PLERQFERFN QANTILKSRD LGSIICDIKF SELTYLDAFW RDYINGSLLE ALKGVFITDS LKQAVGHEAI
KLLVNVDEED YELGRQKLLR NLMLQALP

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.