
Product Data Sheet

Product Name: DEDD Human
 Cat. No.: GP23313
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	CASP8IP1; DEDD1; DEFT; FLDED1; KE05; DEDPro1; Death effector domain-containing testicular molecule.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MAGLKRRASQ VWPEEHGEQE HGLYSLHRMF DIVGTHLTHR DVRVLSFLFV DVIDDHERGL IRNGRDFLLA LERQGRCDDES NFRQVLQLLR IITRHDLLPY VTLKRRRAVC PDLVDKYLEE TSIRYVTPRA LSDPEPRPPQ PSKTVPPHYP VVCCPTSGPQ MCSKRPARGR ATLGSRKRR KSVTPDPKEK QTCDIRLRVR AEYCQHETAL QGNVFSNKQD PLERQFERFN QANTILKSRD LGSIIKDIKF SELTYLDAFW RDYINGSLLE ALKGVFITDS LKQAVGHEAI KLLVNVDEED YELGRQKLLR NLMLQALP.		
Formulation	DEDD protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.		

Introduction

Death effector domain-containing protein (DEDD) is a cytoplasmic protein. The cell death activity of DEDD relates to its nuclear localization. DEDD translocates to the nucleus during CD95-mediated apoptosis, there it localizes to nucleoli-like structures, activates caspase-6 and particularly inhibits RNA polymerase I-dependent transcription. DEDD is usually expressed in a variety of tissues, and found in the highest levels in the testis. Overexpression of DEDD was shown to induce weak apoptosis.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

Caution: Product has not been fully validated for medical applications. For research use only.

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DEDD Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 338 amino acids (1-318a.a) and having a molecular mass of 38.9kDa. DEDD is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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