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DEDD Human

Catalog #:PRPS-1356

For research use only.

Description: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.

Synonyms:CASP8IP1, DEDD1, DEFT, FLDED1, KE05, DEDPro1, Death effector domain-containing testicular molecule.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

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 QG

Purity: Greater than 85.0% as determined by SDS-PAGE.

Formulation:
DEDD protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

Stability:
A2LD1 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

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.

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