

DEDD2 Blocking Peptide (N-Term)

Synthetic peptide

Catalog # BP21939a

Specification

DEDD2 Blocking Peptide (N-Term) - Product Information

Primary Accession

[Q8WXF8](#)

Other Accession

[Q8QZV0](#)**DEDD2 Blocking Peptide (N-Term) - Additional Information**

Gene ID 162989

Other Names

DNA-binding death effector domain-containing protein 2, DED-containing protein FLAME-3, FADD-like anti-apoptotic molecule 3, DEDD2, FLAME3

Target/Specificity

The synthetic peptide sequence is selected from aa 63-75 of HUMAN DEDD2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

DEDD2 Blocking Peptide (N-Term) - Protein Information

Name DEDD2

Synonyms FLAME3

Function

May play a critical role in death receptor-induced apoptosis and may target CASP8 and CASP10 to the nucleus. May regulate degradation of intermediate filaments during apoptosis. May play a role in the general transcription machinery in the nucleus and might be an important regulator of the activity of GTF3C3.

Cellular Location

Nucleus, nucleolus. Note=Nuclear, accumulated in subnuclear structures resembling nucleoli

Tissue Location

Expressed in most tissues. High levels were found in liver, kidney, heart, ovary, spleen, testes, skeletal muscle and peripheral blood leukocytes. Expression was absent or low in colon and small

intestine. Expression is relatively high in the tumor cell lines chronic myelogenous leukemia K-562 and the colorectal adenocarcinoma SW480. Expression is moderate in the cervical carcinoma HeLa, the Burkitt's lymphoma Raji, the lung carcinoma A-549, and the melanoma G-361. In contrast, two leukemia cell lines, HL-60 (promyelocytic leukemia) and MOLT-4 (lymphoblastic leukemia), show relatively low levels.

DEDD2 Blocking Peptide (N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

DEDD2 Blocking Peptide (N-Term) - Images

DEDD2 Blocking Peptide (N-Term) - Background

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DEDD2 Blocking Peptide (N-Term) - References

Roth W., et al. J. Biol. Chem. 277:7501-7508(2002).
Zhan Y., et al. Cell Death Differ. 9:439-447(2002).
Lee J.C., et al. J. Cell Biol. 158:1051-1066(2002).
Otsuki T., et al. DNA Res. 12:117-126(2005).
Alcivar A., et al. Oncogene 22:291-297(2003).