

NOXA BH3, Peptide 2
Synthetic Peptide
Catalog # SP2459a**Specification**

NOXA BH3, Peptide 2 - Product InformationPrimary Accession
Sequence[O9JM54](#)
NH2-VPADLKDECAQLRRIGDKVNLRQKL-COO
H**NOXA BH3, Peptide 2 - Additional Information****Gene ID** 58801**Other Names**

Phorbol-12-myristate-13-acetate-induced protein 1, Protein Noxa, Pmaip1, Noxa

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.

NOXA BH3, Peptide 2 - Protein Information**Name** Pmaip1**Synonyms** Noxa**Function**

Promotes activation of caspases and apoptosis. Promotes mitochondrial membrane changes and efflux of apoptogenic proteins from the mitochondria. Contributes to p53/TP53-dependent apoptosis after radiation exposure. Promotes proteasomal degradation of MCL1. Competes with BIM/BCL2L11 for binding to MCL1 and can displace BIM/BCL2L11 from its binding site on MCL1 (By similarity). Competes with BAK1 for binding to MCL1 and can displace BAK1 from its binding site on MCL1.

Cellular Location

Mitochondrion.

Tissue Location

Detected in thymocytes after irradiation with X- rays. Not detectable in untreated thymocytes (at protein level) Detected in embryonic neural precursor cells of the telencephalon Constitutively expressed at low levels in adult brain, testis, thymus, spleen, lung and kidney.

NOXA BH3, Peptide 2 - Images