

# PL2 Peptide

**Catalogue number:** 157665

**Sub-type:** Synthetic Peptide

**Images:**

## Contributor

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**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** PL2 Peptide

**Alternate name:** PL2, Oncofetal fibronectin (FN-EDB) specific peptide

**Class:**

**Conjugate:**

**Description:** Oncofetal fibronectin (FN-EDB) is not present in the extracellular matrix of adult tissues but it is up-regulated in tumours and malignant tissues. It has previously been used as a target for antibody-based therapies. The PL2 specific peptide has enhanced affinity to bind to FN-EDB so may be useful as an affinity ligand for delivery of diagnostic compounds into solid tumours.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:**

**Reactivity:**

**Selectivity:**

**Host:**

**Immunogen:**

**Immunogen UNIPROT ID:**

**Sequence:** TSKQNSR

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Oncofetal fibronectin (FN-EDB)

**Target alternate names:**

**Target background:**

**Molecular weight:**

**Ic50:**

## Applications

**Application:**

**Application notes:**

## Handling

**Format:**

**Concentration:**

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:**

**Shipping conditions:** Dry Ice

## Related tools

**Related tools:** PL1 peptide

## References

**References:** Lingasamy et al. 2019. Biomaterials. 219:119373. PMID: 31374479.