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Data Sheet

WT-1 peptide RMFPNAPYL

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Description	Single peptide (**RMFPNAPYL**) for stimulation of **human WT-1**-specific $CD8^+$ T-cells. The peptide is synthesised as it is presented by the MHC class I **HLA-A*0201** allele.
Form	Lyophilized powder **Please spin down briefly before opening the vial.**
Amount	1 mg
Purity	> 85%, endotoxin free; peptides were purified by HPLC using a water and acetonitrile gradient
Stability	12 months after shipping
Storage	Recommended: -25 °C – -15 °C
Shipping	Room temperature or frozen
Hazards	Product is not classified as hazardous according to (EC) No 1272/2008 [CLP]. A Material Safety Data Sheet is provided.
Reconstitution	Peptide solubility depends on amino acid sequence and modifications. For dissolving peptides, we recommend the following: • Sonication will increase solubility. • 10% acetic acid in the solvent will facilitate dissolving basic peptides. • 10% ammonium bicarbonate will facilitate dissolving acidic peptides. • For peptides with extremely low solubility in aqueous solutions, organic solvents (such as DMSO, isopropanol, methanol, and acetonitrile) should be used first. Once the peptides are completely dissolved, water may be gradually added until the desired concentration is obtained.

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