

IL-2 alternative peptide

Code: PG-015

MW: 5507.35 (5963.44 as 4 TFA salt, theoretical)

Purity: ≥95% (HPLC)

Amount: 10 µg

Formulation: This vial contains 10 µg of the titled compound in vacuum-dried form.

Reconstitution: Reconstitute at 100~200 µg/mL in **DMSO**

Centrifuge the vial before opening.

Rinse the inside of the vial thoroughly with DMSO.

When further diluting the DMSO solution, we recommend using a buffered solution (e.g., PBS) with a carrier component to prevent peptide adhesion.

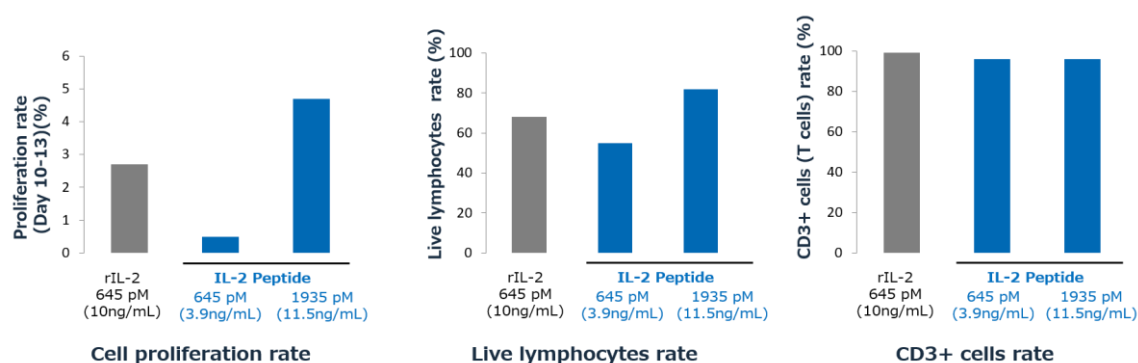
<Example>

A 100 µg/mL solution can be prepared by reconstituting 10µL of peptide in 100 µL DMSO.

Storage: Store at -20°C or below.

Activity: PG-015 showed T-cell expansion activity at concentrations ranging from an equimolar to a 3-fold molar concentration (approximately equivalent on a mass basis) to recombinant IL-2, while maintaining a high CD3⁺ cell fraction.

Evaluation Guideline: PG-015 is expected to **exhibit activity at concentrations ranging from 5 to 50 ng/mL**. Determine the optimal concentration under your test conditions by testing at several points around 5 to 50 ng/mL, such as 5, 10, 20 and 50 ng/mL. If recombinant IL-2 is used at a specific mass concentration, evaluate PG-015 at the mass concentrations ranging from 0.5× to 5× that of recombinant IL-2.



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