



# V5 Tag Peptide

## Product description

V5 Tag Peptide is a synthetic peptide. This is a 14-amino acid polypeptide isolated from the P and V proteins of simian virus 5 (SV5). It is used to competitively bind anti-V5 antibodies in immunoassay assay. The binding of V5 Tag peptides to antibodies is specific; therefore, V5 Tag peptides are a mild, ideal reagent for elution of V5 fusion proteins bound to anti-V5 monoclonal antibodies.

The recommended working concentration of V5 Tag peptides for elution of V5-Tag fusion proteins is 100-400 µg/mL.

## Components

Components No.	Name	20575ES08	20575ES25
20575	V5 Tag Peptide	5 mg	25 mg

## Specifications

Amino acid sequence	H-Gly-Lys-Pro-Ile-Pro-Asn-Pro-Leu-Leu-Gly-Leu-Asp-Ser-Thr-OH
Molecular Formula	C <sub>64</sub> H <sub>108</sub> N <sub>16</sub> O <sub>20</sub>
Molecular Weight	1421.64
Appearance	White Powder
Purity	≥99%
Solubility	Soluble in water or 1% acetic acid

## Storage

The unopened products should be stably stored at -25°C~-15°C for 1 year.

## Instructions

It is recommended to prepare 10× storage solution (such as 4 mg/mL) and store it at -20°C. The working liquid is ready for use.

## Notes

- 1.For your safety and health, please wear lab coats and disposable gloves for operation.
- 2.For research use only.