



3×Flag-tag Peptide

Product description

Flag polypeptide is a hydrophilic polypeptide encoding 8 amino acids (DYKDDDDK). It can be used to detect specific anti-Flag monoclonal antibody. In order to improve the sensitivity of detection, 3×Flag repeated polypeptide (3× flag-tag Peptide) has been developed. This 3×Flag repeated polypeptide contains 23 amino acids and can detect fusion proteins up to 10 fmol. 3×Flag repeated peptides have been widely used to purify Flag fusion proteins and competitively bind Anti-Flag monoclonal antibodies.

The recommended working concentration of 3×Flag repeated polypeptide is 100-400 µg/mL.

Components

Components No.	Name	20571ES11	20571ES25
20571	3×Flag-tag Peptide	4 mg	25 mg

Specifications

Amino acid sequence	H-Met-Asp-Tyr-Lys-Asp-His-Asp-Gly-Asp-Tyr-Lys-Asp-His-Asp-Ile-Asp-Tyr-Lys-Asp-Asp-Asp-Lys-OH
Molecular Formula	C ₁₂₀ H ₁₆₉ N ₃₁ O ₄₉ S
Molecular Weight	2861.87
Appearance	White Powder
Purity	≥98%
Solubility	Soluble in water (10mM) or 1% acetic acid

Storage

The unopened products should be stably stored at -25°C ~ -15°C for 1 year. Storage solution should store at -85°C ~ -65°C.

Notes

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