

产品说明书

品名：3×Flag Peptide

货号：3DYK-P05/3DYK-P25/3DYK-P100/3DYK-P500/3DYK-1G

规格：5/25/100/500/1000mg

Alias: 3×Flag-tag peptide

➤Description:

A fusion tag, called 3 × Flag-tag and consisting of eight amino acids (Met-Asp-Tyr-Lys-Asp-His-Asp-Gly-Asp-Tyr-Lys-Asp-His-Asp-Ile-Asp-Tyr-Lys-Asp-Asp-Asp-Asp-Lys) including an enterokinase-cleavage site, was specifically designed for immunoaffinity chromatography. It allows elution under non-denaturing conditions. Several antibodies against this peptide have been developed. One antibody, denoted as M1, binds the peptide in the presence of bivalent metal cations, preferably Ca²⁺. Elution is effected by chelating agents. Another strategy is competitive elution with excess of free 3×Flag-tag peptide.

➤Sequence (one-letter code):MDYKDHDG DYKDHDIDYKDDDDK

➤Sequence (three-letter code):

Met-Asp-Tyr-Lys-Asp-His-Asp-Gly-Asp-Tyr-Lys-Asp-His-Asp-Ile-Asp-Tyr-Lys-Asp-Asp-Asp-Asp-Lys

➤Formula: C₁₂₀H₁₆₉N₃₁O₄₉S

➤Molecular Weight: 2861.90

➤Purity: > 95%

➤Storage: Store at -20°C for 12 months

For Laboratory Research Use Only