

DATASHEET

Version: 2016-08-18

DYKDDDDK Peptide**Cat. No.:** RP10586-1**Size:** 1 mg**Alias:** DYKDDDDK tag;Flag-tag**Description:**

A fusion tag, called DYKDDDDK and consisting of eight amino acids (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 Ca^{2+} . Elution is effected by chelating agents. Another strategy is competitive elution with excess of free DYKDDDDK peptide.

Sequence (one-letter code):

DYKDDDDK

Sequence (three-letter code):

{ASP}{TYR}{LYS}{ASP}{ASP}{ASP}{ASP}{LYS}

Formula: $\text{C}_{41}\text{H}_{60}\text{N}_{10}\text{O}_{20}$ **Molecular Weight:** 1,012.97**Purity:** > 95%**Storage:**

Store at -20°C.

Note:

*For Non-Clinical Research Use Only *

