

DATASHEET

Version: 2016-08-18

EGFR (988-993) (Phospho-Tyr⁵)**Cat. No.:** RP20108**Size:** 0.5 mg**Description:**

This phosphotyrosyl peptide sequence is derived from the autophosphorylation site (Tyr992) of epidermal growth factor receptor (EGFR 988-993). Using synthetic pTyr-containing peptides that correspond to natural phosphorylation sites in proteins, several groups have demonstrated that PTPases display a range of kcat/Km values for these relatively short peptide substrates. This peptide is a minimal (6 residues) peptide substrate for both the Yersinia PTPase and the mammalian PTP1. It is often complexed with the catalytically inactive protein-tyrosine phosphate 1B (PTP1B).

Sequence (one-letter code):

DADE-pY-L

Sequence (three-letter code):

{Asp}{Ala}{Asp}{Glu}{pTyr}{Leu}

Formula: C₃₁H₄₅N₆O₁₇P**Molecular Weight:** 804.7**Purity:** 95%**Storage:**Store GenScript EGFR (988-993) (Phospho-Tyr⁵) at -20°C.**Note:**

*For Non-Clinical Research Use Only *

