

**EGFR (988-993) (Phospho-Tyr<sup>5</sup>)****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  $k_{cat}/K_m$  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 phosphatase 1B (PTP1B).

**Sequence (one-letter code):**

DADE-pY-L

**Sequence (three-letter code):**

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

**Formula:** C<sub>31</sub>H<sub>45</sub>N<sub>6</sub>O<sub>17</sub>P**Molecular Weight:** 804.7**Purity:** 95%**Storage:**Store GenScript EGFR (988-993) (Phospho-Tyr<sup>5</sup>) at -20°C.**Note:**

\*For Non-Clinical Research Use Only \*

