

Tyrosine Kinase Peptide Substrate

CATALOG NUMBER:	SGT200
LOT NUMBER:	LV1354925
QUANTITY:	100 µg
DESCRIPTION:	Synthetic poly [Glu:Tyr] (4:1) peptide substrate conjugated to biotin.
MOLECULAR WEIGHT	3884.9
PURITY:	>90% by HPLC analysis.
APPLICATIONS:	For use as a substrate in an <i>in vitro</i> protein tyrosine kinase assay, such as Chemicon SGT410 (Tyrosine Kinase Activity Assay Kit).
SUPPLIED AS:	100 µg peptide/vial in 1% BSA/PBS.
PRESENTATION:	Lyophilized powder.
SOLUBILITY	Reconstitute with 1.0 mL of deionized water for a concentration of 100 µg/mL. Use 1X PBS for further dilutions. Optimal working dilutions must be determined by the end user.
STORAGE	Maintain lyophilized material at 2-8°C for up to 12 months. Reconstituted substrate should be stored at -20°C in small aliquots. Avoid freeze-thaw cycle of the reconstituted substrate.

For research use only; not for use as a diagnostic.

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*