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EGF Receptor Substrate 2 [DADE - pY - LIPQQG], Biotinylated
Biotin - DADE - pY - LIPQQG

Product Code: 3085-0100

Price: $172.00

Short Description
Biotin-DADE-pY-LIPQQG

Description

Overview	
Description	The unlabeled phosphopeptide is an excellent substrate for mammalian protein tyrosine phosphatase 1B (Km = 3.9 µM) and Yersinia PTP. The sequence is derived from an autophosphorylation site (Tyr992) of EGFR. The unlabeled peptide is used to assay PTB based on marked fluorescence increase upon the removal of the phosphate group (Em = 305 nm and Ex = 282 nm).
Sequence	Biotin-DADE-pY-LIPQQG
Sequence (3 Letter)	Biotin - Asp - Ala - Asp - Glu - pTyr - Leu - Ile - Pro - Gln - Gln - Gly - OH
Molecular Weight	1554.7
Properties	
Purity	% Peak Area By HPLC ? 95%
Storage	-20 °C

References
Ref: Ukkola, O. and MJ. Santaniemi, Intern. Med. 251, 467 (2002); Sarmiento, M.

et al. J. Biol. Chem. 273, 26368 (1998); Zhang, ZY. et al. Anal. Biochem. 211, 7 (1993).