



Synthetic Epidermal Growth Factor Receptor phospho-Tyr 1173 Peptide (DAGA-812)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Species	Human
Conjugate	Unconjugated
Applications	Control/blocking phosphopeptide for use with monoclonal antibody. For blocking experiments, combine 0.2ug/ml antibody and 10ug/ml peptide. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Reconstitution	Reconstitute with 1ml water for 15 minutes at room temperature.
Format	Lyophilized
Concentration	100ug/ml (prior to lyophilization)
Size	0.1 mg
Buffer	Not applicable
Preservative	None
Storage	Store lyophilized product at -20°C. After reconstitution, aliquot and store (up to 1 year) at -80°C. Thawed aliquots may be stored at 2-8°C for up to 1 week. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction	The epidermal growth factor receptor (EGFR; ErbB-1; HER1 in humans) is a transmembrane protein that is a receptor for members of the epidermal growth factor family (EGF family) of
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extracellular protein ligands. The epidermal growth factor receptor is a member of the ErbB family of receptors, a subfamily of four closely related receptor tyrosine kinases: EGFR (ErbB-1), HER2/neu (ErbB-2), Her 3 (ErbB-3) and Her 4 (ErbB-4). In many cancer types, mutations affecting EGFR expression or activity could result in cancer.

Keywords	EGFR; ErbB-1; HER1; epidermal growth factor receptor; ERBB; mENA; ERBB1; PIG61
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GENE INFORMATION

Protein Refseq	TAENAE-pY-LRVAPQSS
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