R18 Peptide (Biotinylated) Peptide – Synthetic Peptide, ?95% Purity

PRODUCT OVERVIEW

Product Name	R18, Peptide
Full Product Name	R18 Peptide (biotinylated)
Product Gene Name	R18 peptide
Sequence	Biotin-Pro -His-Cys-V al-Pro-Arg -Asp-Leu-S er-Trp-Leu -Asp-Leu-G lu-Ala-Asn -Met-Cys-L eu-Pro-OH
Form/Format	Lyophilized solid
Purity/Purification	>=95%
Preparation and Storage	For long term storage, store at -20 degree C Shipping: Shipped on Blue Ice
Molecular Weight	2536.7
Solubility	Soluble in water
Product Categories/Family for R18 peptide	Cellular Analysis; DNA Regulation & Transcription; Immunodetection; Small Molecule Chemistry; Enzyme Inhibitors; Signaling Pathway Modulators
Related Product Information for R18 peptide	The peptide sequence, PHCVPRDLSWLDLEANMCLP, named R18, was identified as an unphosphorylated peptide that binds to 14-3-3 proteins with high affinity (Kd=80 nM). It has been shown to bind to the same amphipathic groove on the surface of 14-3-3 as phosphorylated peptides. R18 can inhibit the formation of the 14-3-3-Raf-1 complex, reduce Raf-1 dependent transcriptional activity in cells and block the activation of ExoS by 14-3-3. It binds to all the 14-3-3 isoforms with equal affinities. This peptide is useful for competitive inhibition experiments and the N-terminal biotin allows it to be used in assay with streptavidin bound membranes.
Other Notes	Small volumes of R18 peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for R18 purchase	MBS566464 is a peptide targeting R18. Also known as R18 Peptide (biotinylated).

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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Online datasheet: https://www.mybiosource.com/peptide/r18/566464