

Product Data Sheet

Product Name:	<i>3-D Life</i> RGD Peptide
Description:	<p>RGD sequences are motifs on extracellular matrix proteins promoting adhesion to cellular integrin receptors. The <i>3-D Life</i> RGD Peptide contains an RGD motif and a thiol on a N-terminal cysteine residue. The thiol is used to immobilize the peptide on maleimide polymers in <i>3-D Life</i> Hydrogels. The immobilized peptide can promote specific adhesion of cells carrying the integrin receptor.</p> <p>Further information and detailed protocols are available in the <i>3-D Life</i> Hydrogels User Guide, http://www.cellendes.com/pdfs/manual_hydrogel.pdf.</p>
Product Number:	P10-3
Quantity:	3 mg (3 x 1 mg)
Application:	Cell adhesion peptide. Covalent attachment to maleimide-polymer in <i>3-D Life</i> Hydrogels.
Molar mass:	1022 g/mol
Peptide sequence:	Acetyl-Cys-Doa ¹ -Doa-Gly-Arg-Gly-Asp-Ser-Pro-NH ₂
Storage:	-20°C to -80°C
Purity:	>90% (HPLC)
Reconstitution:	Briefly centrifuge to make sure that entire product is at the bottom of the tube. Add 48 µl sterile water per tube to dissolve content at a concentration of 20 mmol/l. Store reconstituted product at -20°C or -80°C.

NOTE: INTENDED FOR RESEARCH USE ONLY. NOT FOR USE IN HUMAN THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.

¹ Doa: 8-amino-3,6-dioxaoctanoic acid