

# Product Information

---



Product Name:	<i>3-D Life</i> RGD Peptide
Description:	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 an 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. Further information and detailed protocols are available in the <i>3-D Life</i> Hydrogels User Guide, <a href="http://www.cellendes.com/pdfs/manual_hydrogel.pdf">http://www.cellendes.com/pdfs/manual_hydrogel.pdf</a> .
Product Number:	09-P-001
Quantity:	1 $\mu$ mol
Application:	Cell adhesion peptide. Covalent attachment to maleimide polymers in <i>3-D Life</i> Hydrogels.
Molar mass:	1022 g/mol
Peptide sequence:	Acetyl-Cys-Doa <sup>1</sup> -Doa-Gly-Arg-Gly-Asp-Ser-Pro-NH <sub>2</sub>
Storage:	-20°C to -80°C
Purity:	>90% (HPLC)
Reconstitution:	Briefly centrifuge to make sure that entire product is on the bottom of the tube. Add 48 $\mu$ l sterile water to dissolve content at a concentration of 20 mmol/l thiol groups. Store reconstituted product at -20°C or -80°C.
NOTE:	INTENDED FOR RESEARCH USE ONLY. NOT FOR USE IN HUMAN THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.

---

<sup>1</sup> Doa: 8-amino-3,6-dioxaoctanoic acid