

## Dermaseptin I

Catalog #	Source	Reactivity	Applications
CCP1176	Synthetic		
<b>Description</b>	Peptide to Dermaseptin I		
<b>Biological Description</b>	Dermaseptin was originally isolated from skin extracts of the South American arboreal frog, <i>Phyllomedusa sauvagei</i> . The strongly basic, nonhemolytic compound is the first vertebrate peptide that shows highly potent antimicrobial activity against pathogenic		
<b>Form</b>	Lyophilized powder		
<b>CAS Number</b>	136033-70-0		
<b>Molecular Formula</b>	C152H257N43O44S2		
<b>Molecular Weight</b>	3455.08		
<b>Purity</b>	> 95%		
<b>Chemical Structure</b>	Ala - Leu - Trp - Lys - Thr - Met - Leu - Lys - Lys - Leu - Gly - Thr - Met - Ala - Leu - His - Ala - Gly - Lys - Ala - Leu - Gly - Ala - Ala - Ala - Ala - Asp - Thr - Ile - Ser - Gln - Gly - Thr - Gln		
<b>Storage/Stability</b>	Shipped at 4°C. Store at -20°C for one year.		
<b>Structure</b>			

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

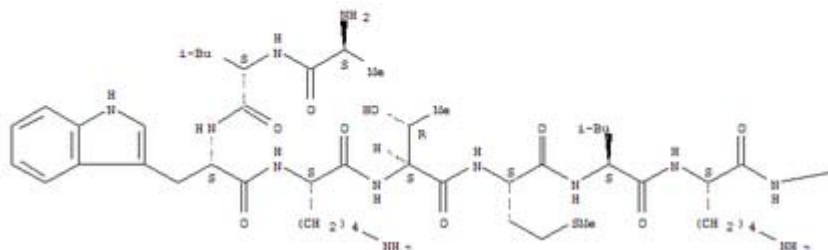
### COHESION BIOSCIENCES LIMITED

**WEB**  
www.cohesionbio.com

**ORDER**  
order@cohesionbio.com

**SUPPORT**  
techsupport@cohesionbio.com

**CUSTOM**  
custom@cohesionbio.com



**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

## COHESION BIOSCIENCES LIMITED

**WEB**  
[www.cohesionbio.com](http://www.cohesionbio.com)

**ORDER**  
[order@cohesionbio.com](mailto:order@cohesionbio.com)

**SUPPORT**  
[techsupport@cohesionbio.com](mailto:techsupport@cohesionbio.com)

**CUSTOM**  
[custom@cohesionbio.com](mailto:custom@cohesionbio.com)