

## VR1

Catalog #	Source	Reactivity	Applications
CCP1474	Synthetic		
<b>Description</b>	Peptide to VR1		
<b>Biological Description</b>	Capsaicin receptor homolog. Heat-gated ion channel activated by capsaicin, protons and heat. Role in nociception and neurogenic inflammation. Active in vivo and in vitro.		
<b>Form</b>	Lyophilized powder		
<b>CAS Number</b>			
<b>Molecular Formula</b>	C75H117N18O28S2		
<b>Molecular Weight</b>	1783		
<b>Purity</b>	> 95%		
<b>Chemical Structure</b>	H - Cys - Glu - Asp - Ala - Glu - Val - Phe - Lys - Asp - Ser - Met - Val - Pro - Gly - Glu - Lys - OH		
<b>Storage/Stability</b>	Shipped at 4°C. Store at -20°C for one year.		

**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

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