

Leucokinin VIII

| Catalog # | Source | Reactivity | Applications |
|-------------------------------|---|------------|--------------|
| CCP1284 | Synthetic | | |
| Description | Peptide to Leucokinin VIII | | |
| Biological Description | Myotropic insect neuropeptide. Raises intracellular Ca ²⁺ levels. Decreases transepithelial voltage and resistance. Increases Cl ⁻ diffusion potentials. Stimulates smooth muscle contractility and shows diuretic effects in vivo. | | |
| Form | Lyophilized powder | | |
| CAS Number | | | |
| Molecular Formula | C42H52N10O11 | | |
| Molecular Weight | 872.94 | | |
| Purity | > 95% | | |
| Chemical Structure | H - Gly - Ala - Ser - Phe - Tyr - Ser - Trp - Gly - NH ₂ | | |
| Storage/Stability | 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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