

**Leucokinin VIII****Cat. No.:** RP10698**Size:** 1 mg**Alias:** LeucokininVIII; Leucokinin 8; Leucokinin8**Description:**

The effects of leucokinin-VIII were qualitatively and quantitatively similar in six tubule segments containing no stellate cells; V(t) decreased from 37.8+/-7.0 mV to 3.4+/-0.6 mV, R(t) decreased from 8.8+/-2.1 k $\Omega$  to 1.7+/-0.2 k $\Omega$ , and DP(Cl) increased from 5.8+/-2.6 mV to 50.0+/-2.1 mV. Thus, stellate cells are not required for signaling or mediating the effects of leucokinin in Malpighian tubules of *Aedes aegypti*. The results further support previous observations that principal cells signal the effects of leucokinin-VIII to increase the Cl(-) conductance of the paracellular pathway through septate (or tight) junctions.

**C-Terminal:** NH<sub>2</sub>**Sequence (one-letter code):**GASFYSWG-NH<sub>2</sub>**Sequence (three-letter code):**{GLY}{ALA}{SER}{PHE}{TYR}{SER}{TRP}{GLY}-NH<sub>2</sub>**Formula:** C<sub>42</sub>H<sub>52</sub>N<sub>10</sub>O<sub>11</sub>**Molecular Weight:** 872.9**Purity:** > 95%**Storage:**

Store at -20°C.

**Note:**

\*For Non-Clinical Research Use Only \*

