

Product Name: HG1, Recombinant

Catalog #: AA-0016 **LOT:** 20150430

Description: Dual-function toxin that completely inhibits the activity of trypsin at a molar ratio of 1:1 (dissociation constant of 107 nM) and that inhibits mKv1.3/KCNA3 potassium channel currents with an IC₅₀ of 6.2 nM (where 1 μM inhibits 80% of currents). Also has weak inhibitory activity against mKv1.1/KCNA1 (where 1 μM inhibits less than 50% of currents), hKv1.2/KCNA2 (where 1 μM inhibits less than 50% of currents), and hKCa2.3/KCNN3

Sequence:

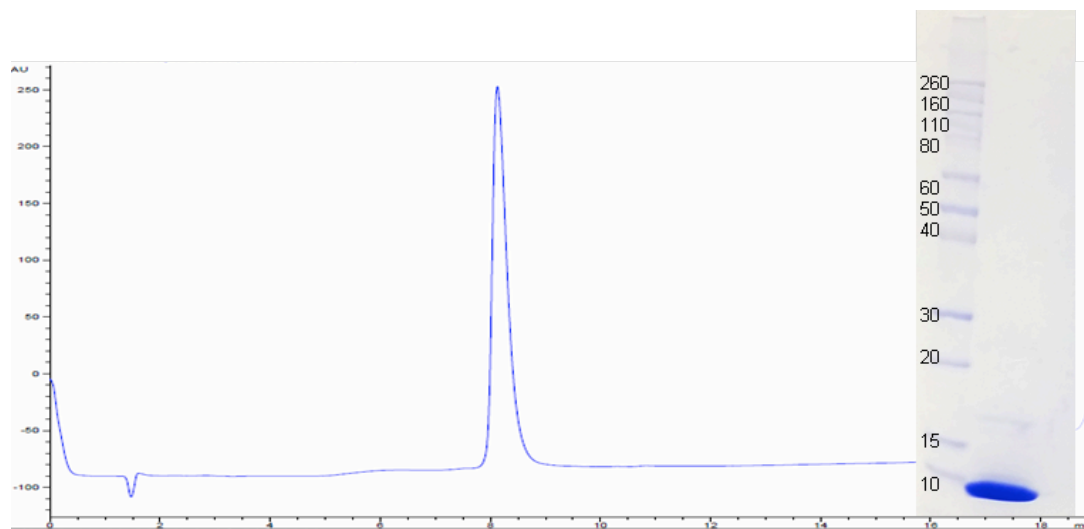
GHHNRVNCLLPPKTGPCKGSFARYYFDIETGSCAKFIYGGCEGNSNNFSEKHHCEKRCRGFR
 KFGGK

Source: Recombinant peptide expressed in *E.coli*,

Peptide Reconstitution: Reconstitute to 1.0mg/mL in H₂O

Characterization:

Molecular Weight: 7088.32 Da **% Peak by HPLC:** >99% **Folded >99%**



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