

Histatin 5**Cat. No.:** RP11240-0.5**Size:** 0.5 mg**Description:**

Histatin 5 is a human basic salivary peptide with strong fungicidal properties in vitro. To elucidate the mechanism of action, the effect of histatin 5 on the viability of *Candida albicans* cells was studied in relation to its membrane perturbing properties. It was found that both the killing activity and the membrane perturbing activity, studied by the influx of a DNA-specific marker propidium iodide, were inhibited by high salt conditions and by metabolic inhibitors, like sodium azide.

Cas No: 104339-66-4**Sequence (one-letter code):**

DSHAKRHHGYKRKFHEKHSHRGY

Sequence (three-letter code):

{ASP}{SER}{HIS}{ALA}{LYS}{ARG}{HIS}{HIS}{GLY}{TYR}{LYS}{ARG}{LYS}{PHE}{HIS}{GLU}{LYS}{HIS}{HIS}{SER}{HIS}{ARG}{GLY}{TYR}

Formula: C₁₃₃H₁₉₅N₅₁O₃₃**Molecular Weight:** 3,036.29**Purity:** > 95%**Storage:**

Store at -20°C

Note: Human parotid histidine-rich protein

*For Non-Clinical Research Use Only *

