

DATASHEET

Version: 2016-08-18

 α -Factor Mating Pheromone, yeast**Cat. No.:** RP01002**Size:** 10 mg**Alias:** pheromone moth; mating animals**Description:**

The alpha factor pheromone arrests yeast in the G1 phase of their cell cycle. Alpha Factor Mating Pheromone induces the expression of mating genes, changes in nuclear architecture, and polarizes growth toward the mating partner. STE2 encodes the alpha factor pheromone receptor (a GPCR) found on mating-type-A cells in yeast.

Cas No: 59401-28-4**Sequence (one-letter code):**

WHWLQLKPGQPMY

Sequence (three-letter code):

{TRP}{HIS}{TRP}{LEU}{GLN}{LEU}{LYS}{PRO}{GLY}{GLN}{PRO}{MET}{TYR}

Solubility: Soluble in water**Formula:** C₈₂H₁₁₄N₂₀O₁₇S**Molecular Weight:** 1,683.98**Purity:** > 95%**Storage:**

Store this peptide in its dry form at -20°C. For best results, rehydrate the peptide immediately before use. Do not re-freeze any unused portions.

*For Non-Clinical Research Use Only *

