



Datasheet for ABIN399114

alpha-Factor Mating Pheromone Peptide

25 Publications



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Overview

Quantity:	10 mg
Target:	alpha-Factor Mating Pheromone

Product Details

Purity:	> 95 %
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Target Details

Target:	alpha-Factor Mating Pheromone
Background:	Alias: pheromone moth; mating animals. Sequence (one-letter code): WHWLQLKPGQPMY. Sequence (three-letter code): {TRP}{HIS}{TRP}{LEU}{GLN}{LEU}{LYS}{PRO}{GLY}{GLN}{PRO}{MET}{TYR}. 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. Formula: C82H114N20O17S. M.W.: 1683.98. Cas: 59401-28-4.

CAS-No:	59401-28-4
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Application Details

Application Notes:	Simply thaw and use directly. We recommend using it at concentrations ranging from 5 µM (bar1 D) to 100 µM (BAR1).
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Restrictions:	For Research Use only
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Handling

Format: Lyophilized

Storage: 4 °C

Publications

- Product cited in:
- Krawczyk, Dion, Schär, Fritsch: "Reversible Top1 cleavage complexes are stabilized strand-specifically at the ribosomal replication fork barrier and contribute to ribosomal DNA stability." in: **Nucleic acids research**, Vol. 42, Issue 8, pp. 4985-95, (2014) ([PubMed](#)).
- Flores, Deniz, Soler-López, Orozco: "Fuzziness and noise in nucleosomal architecture." in: **Nucleic acids research**, Vol. 42, Issue 8, pp. 4934-46, (2014) ([PubMed](#)).
- Eissler, Mazón, Powers, Savinov, Symington, Hall: "The Cdk/cDc14 module controls activation of the Yen1 holliday junction resolvase to promote genome stability." in: **Molecular cell**, Vol. 54, Issue 1, pp. 80-93, (2014) ([PubMed](#)).
- Klier, Farmer, de Bruin: "Analyzing G1-S transcriptional control." in: **Methods in molecular biology (Clifton, N.J.)**, Vol. 1170, pp. 463-76, (2014) ([PubMed](#)).
- Goldman, Roy, Bodenmiller, Wanka, Landry, Aebersold, Cyert: "The calcineurin signaling network evolves via conserved kinase-phosphatase modules that transcend substrate identity." in: **Molecular cell**, Vol. 55, Issue 3, pp. 422-35, (2014) ([PubMed](#)).
- There are more publications referencing this product on: [Product page](#)