

Rev01
Update: Dec,28,2022

DATASHEET

α -Factor Mating Pheromone, yeast

Cat. No.: RP01002

Overview

Synonyms	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	{TRP}{HIS}{TRP}{LEU}{GLN}{LEU}{LYS}{PRO}{GLY}{GLN}{PRO}{MET}{TYR}
Sequence Shortening	WHWLQLKPGQPMY
Molecular Formula	C ₈₂ H ₁₁₄ N ₂₀ O ₁₇ S
Molecular Weight	1683.98

Properties

Purity	> 95%
Solubility	Soluble in water
Form	Lyophilized
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.