

Systemin
Synthetic Peptide
Catalog # SP2534a**Specification**

Systemin - Product InformationPrimary Accession
Sequence[P27058](#)
NH2-AVQSKPPSKRDPPKMQTD-COOH**Systemin - Additional Information****Gene ID** 543989**Other Names**
Systemin, SYST**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Systemin - Protein Information**Name** SYST**Function**

Activates a lipid-based signal transduction pathway in which linolenic acid is converted to jasmonic acid, a potent activator of defense gene transcription, including proteinase inhibitor.

Cellular Location

Cytoplasm.

Tissue Location

All organs except the roots. Transported out of wounds to distal tissues

Systemin - Images