

DATASHEET

Version: 2016-08-18

Bacterial Sortase Substrate III, Abz/DNP**Cat. No.:** RP20431**Size:** 1 mg**Description:**

The Staphylococcus aureus transpeptidase Sortase A (SrtA) anchors virulence and colonization-associated surface proteins to the cell wall. SrtA selectively recognizes a C-terminal LPXTG motif. SrtA readily reacts with its native substrate Abz-LPETG-Dap(DNP)-NH₂, cleaving it and catalyzing the formation of an amide bond between the carboxyl group of threonine and the amino group of cell-wall crossbridges.

N-Terminal: Abz/DNP**C-Terminal:** Amidation**Sequence (one-letter code):**Abz-LPETG-K(Dnp)-NH₂**Sequence (three-letter code):**Abz-{Leu}{Pro}{Glu}{Thr}{Gly}{Lys(Dnp)}-NH₂**Formula:** C₄₁H₅₇N₁₁O₁₄**Molecular Weight:** 928**Purity:** > 95%**Storage:**

Store at -20°C. Keep tightly closed. Store in a cool dry place.

Note:

*For Non-Clinical Research Use Only *

