
Fibronectin-Binding Protein Peptide

Subcategory: Synthetic Peptide

Cat. No.: 350177

Unit: 1 mg

Description:

The fibronectin-binding protein A promotes bacterial attachment to multiple substrates, such as fibronectin, fibrinogen, elastin peptides and tropoelastin, conferring to *Staphylococcus aureus* the ability to invade endothelial cells. The peptide also promotes adherence to and aggregation of activated platelets.

Format: Each vial contains 1 mg of lyophilized solid packaged under an inert gas and supplied as a trifluoroacetate salt.

Alternate Names: Fibronectin-binding protein A; fnbA

Accession No.: Q5HD51

MW: 4309.66 g/mol

Sequence: H-Phe-Asn-Lys-His-Thr-Glu-Ile-Ile-Glu-Glu-Asp-Thr-Asn-Lys-Asp-Lys-Pro-Ser-Tyr-Gln-Phe-Gly-Gly-His-Asn-Ser-Val-Asp-Phe-Glu-Glu-Asp-Thr-Leu-Pro-Lys-Val-OH or H-FNKHTEIIIEEDTNKDKPSYQFGGHNSVDFEEDTLPKV-OH

Composition: C190H283N49O66

Purity: Purity > 95% by HPLC

Solubility: Distilled water for a solution up to 2 mg/ml, otherwise we recommend using acetonitrile.

Storage: Store at -20°C. The product is hygroscopic and must be protected from light. Product is guaranteed one year from the date of shipment. Following reconstitution, aliquot and store at -20°C.

For research use only, not for diagnostic or therapeutic procedures.