

FAP-P Peptide

Subcategory: Synthetic Peptide

Cat. No.: 350585

Unit: 1 mg

Description:

Fibronectin attachment proteins (FAPs) comprise a family of fibronectin-binding glycoproteins that are expressed by several species of mycobacteria. FAPs are critical for attachment and internalization of *Mycobacterium bovis* BCG and *M. avium* subsp. *avium* to tissue of host. FAP-P Peptide corresponds to the FAP sequence (aa265-288) found in *M. avium* subsp. *paratuberculosis.*, which mediates soluble fibronectin binding. However, unlike the FAPs of other mycobacteria, FAP-P is not present on the surface of the organism.

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

Alternate Names: FAP; Fibronectin-attachment protein; FAP-P

Accession No.: F7PEA1

MW: 2659.0 g/mol

Sequence: H-Gly-Asn-Ala-Gln-Arg-Trp-Phe-Val-Val-Trp-Leu-Gly-Thr-Ser-Asn-Asp-Pro-Val-Asp-Lys-Val-Ala-Ala-Lys-OH or H-GNAQRWFVWVLGTSNDPVDKVAAK-OH

Composition: C₁₂₁H₁₈₄N₃₄O₃₄

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.