

GP38 HIV Peptide

Subcategory: Synthetic Peptide

Cat. No.: 350208

Unit: 1 mg

Description:

GP38 peptide corresponds to aa 578-603 of HIV-2 gp160 envelope glycoprotein. GP38 includes the 17-amino acid long immunosuppressive region present in many retroviral envelope proteins. Peptides derived from this sequence inhibit immune function. GP38 antibodies are found in plasma of HIV-infected patient.

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

Alternate Names: Envelope glycoprotein gp160; Env polyprotein; glycoprotein 120; gp120

Accession No.: P04577

MW: 3054.53 g/mol

Sequence: H-Arg-Val-Thr-Ala-Ile-Glu-Lys-Tyr-Leu-Gln-Asp-Gln-Ala-Arg-Leu-Asn-Ser-Trp-Gly-Cys-Ala-Phe-Arg-Gln-Val-Cys-OH (Cys20-Cys26) or H-RVTAIEKYLQDQARLNSWGCAFRQVC-OH (Cys20-Cys26)

Composition: C133H209N41O38S2

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.