

Rhesus Macaque IL 16 Recombinant Protein



RPPB0595

Product Information Protein Information

Product SKU:

RPPB0595

Host:

Escherichia Coli.

Protein description:

IL 16 Rhesus Macaque Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 121 amino acids and having a molecular mass of 12.5kDa. The IL 16 Rhesus Macaque is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

IL16, Interleukin-16, LCF, Lymphocyte Chemoattractant Factor, prIL-16, IL-16, FLJ16806, FLJ42735, FLJ44234, HsT19289.

Formulation:

Lyophilized from a 0.2m filtered concentrated solution in PBS, pH 7.4.

Purity:

Greater than 98.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized IL-16 in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized IL-16 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL-16 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Amino Acid Sequence:

SAASASAASD VSVESAEAT VYTVLEKMS AGLGFSLEGG KGSLHGDKPL TINRIFKGAA SEQSETIQPG
DEILQLAGTA MQGLTRFEAW NIIKALPDGP VTIVIRKSL QPKETAAAD S

Biological Activity:

Fully biologically active when compared to standard. Determined by its ability to chemoattract human CD4+ T-Lymphocytes using a concentration range of 50.0-100.0ng/ml corresponding to a Specific Activity of 10,000-20,000IU/mg.