

Human IL17D Recombinant Protein



RPPB0602

Product Information Protein Information

Product SKU:

RPPB0602

Accession:

Q8TAD2

Host:

Escherichia Coli.

Protein description:

Interleukin-17D Human Recombinant (18-202) produced in E.Coli is a non-glycosylated disulfide-linked homodimer containing 2 polypeptide chains of 185 amino acids each and having a molecular mass of 40kDa. The IL-17D is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Interleukin 17D, Interleukin 27, IL-17D, IL-27, IL27, Interleukin-17D, Interleukin-27, IL17D.

Formulation:

Lyophilized from a 0.2µm filtered solution in Acetonitrile and TFA.

Purity:

Greater than 97.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized IL-17D in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized IL17D although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL-17D should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

APRAGRPPAR PRGCADRPEE LLEQLYGRLL AGVLSAFHHT LQLGPREQAR NASCPAGGRP ADRRFRPPTN
LRSVSPWAYR ISYDPARYPR YLPEAYCLCR GCLTGLFGEE DVRFRSAPVY MPTVVLRRTP ACAGGRSVYT
EAYVTIPVGC TCVPEPEKDA DSINSSIDKQ GAKLLLGPND APAGP.

Biological Activity:

Immobilized rHuIL-17D binds to rHuIL-17BR with EC₅₀ less than 2µg/ml.