

Human IL 17E Recombinant Protein



RPPB0603

Product Information Protein Information

Product SKU:

RPPB0603

Accession:

Q9H293

Host:

Escherichia Coli.

Protein description:

Interleukin-17E Human Recombinant produced in E.Coli is a non-glycosylated disulfide-linked homodimer containing 2x145 amino acids (with an N-terminal Methionine for each chain total aa for each chain 146) and having a total predicted molecular mass of 33.7kDa. The IL-25 Human is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

IL-25, IL-17E, IL17E, IL25, Interleukin-25, Interleukin-17E.

Formulation:

Lyophilized from a concentrated (1mg/ml) solution containing no additives.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Interleukin Human IL25 in sterile 10mM HCl not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized Interleukin Human IL17E although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Human IL-25 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:

MYSHWPSCCP SKGQDTSEEL LRWSTVPVPP LEPARNRHP ESCRASEDGP LNSRAISPWR YELDRDLNRL PQDLYHARCL CPHCVSLQTG SHMDPRGNSE LLYHNQTVFY RRPCHGEKGT HKGYCLERRL YRVSLACVCV RPRVMG.

Biological Activity:

The ED50 as determined by the dose-dependent production of IL-8 by Human PBMCs is 26-40ng/ml, corresponding to a specific activity of 3.8x10⁴ units/mg.