

Human IL22 Recombinant Protein



RPPB0638

Product Information Protein Information

Product SKU:

RPPB0638

Accession:

Q9GZX6

Host:

Sf9, Baculovirus cells.

Protein description:

IL22 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (34-179 a.a.) fused to a 9 aa His Tag at C-terminus containing a total of 155 amino acids and having a molecular mass of 17.8kDa.

IL22 shows multiple bands between 18-28kDa on SDS-PAGE, reducing conditions and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

IL-TIF, TIFa, IL-10-related T-cell-derived-inducible factor, IL-22, ILTIF, IL-D110, zcyto18, MGC79382, MGC79384, TIFIL-23.

Formulation:

IL22 protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) & 10% glycerol.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

ADPAPISSHC RLDKSNFQQP YITNRTFMLA KEASLADNNT DVRLIGEKLF HGVSMSERCY LMKQVLNFTL
EEVLFPSQDR FQPYMQEVVP FLARLSNRLS TCHIEGDDLH IQRNVQKLKD TVKKGESGE IKAIGELDLL
FMSLRNACIH HHHHH.

Biological Activity:

The ED50 as determined by its ability to induce IL-10 secretion using COLO 205 human colorectal adenocarcinoma cell is \leq 1.2 ng/ml.