

Human IL 32A Recombinant Protein



RPPB0661

Product Information Protein Information

Product SKU:

RPPB0661

Accession:

P24001

Host:

Escherichia Coli.

Protein description:

Interleukin-32 human recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 131 amino acids and having a molecular mass of 14.9 kDa.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

NK4, TAlF, TAlFa, TAlFb, TAlFc, TAlFd, IL-32beta, IL-32alpha, IL-32delta, IL-32gamma, Interleukin-32, IL-32, Natural killer cells protein 4, Tumor necrosis factor alpha-inducing factor, IL-32a, IL32a, IL32, Interleukin-32 alpha.

Formulation:

IL-32 was lyophilized from a concentrated (1mg/ml) solution in water containing 50mM sodium Phosphate buffer pH=7.5.

Purity:

Greater than 97.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized IL-32 in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized IL32 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL32 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:

MCFPKVLSDD MKKLLKARMHQ AIERFYDKMQ NAESGRGQVM SSLAELEDDF KEGYLETVA A YYEEQHPELT PLLEKERDGL RCRGNRSPVP DVEDPATEEP GESFCDKSYG APRGDKEELT POKCSEPQSS K.

Biological Activity:

Human IL-32 alpha activity is measured via the dose-dependent induction of TNF-alpha in the human THP-1 monocytic cell line.