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Product Datasheet

Recombinant Human IL-21 EBT-EPT303

Article Name	Recombinant Human IL-21
Biozol Catalog Number	EBT-EPT303
Supplier Catalog Number	EPT303
Alternative Catalog Number	EBT-EPT303-10
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Human Interleukin-21 is produced by our E.coli expression system and the target gene encoding Gln30-Ser162 is expressed....
Molecular Weight	Molecular weight: 15.6 KDa. Apparent molecular weight: 16 KDa, reducing conditions
UniProt	Q9HBE4
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes

Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.001 ng/µg (0.01 EU/µg) as determined by LAL test. Background: IL-21 induces the production of IgG1 and IgG3 in B-cells. IL-21 may promote the transition between innate and adaptive immunity. IL-21 may have a role in proliferation and maturation of natural killer cells in synergy with IL15. IL-21 stimulates interferon gamma production in T-cells and natural killer cells by synergy with IL15 and IL18. Dysregulation of IL-21 has a role in multiple immune-mediated diseases including lupus, psoriasis and chronic inflammatory diseases.