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Product Datasheet

Recombinant Human IL-2 (aldesleukin)
EBT-EPT147

Artikelname	Recombinant Human IL-2 (aldesleukin)
Artikelnummer	EBT-EPT147
Hersteller Artikelnummer	EPT147
Alternativnummer	EBT-EPT147-10
Hersteller	ELK Biotechnology
Kategorie	Proteine/Peptide
Produktbeschreibung	Recombinant Human Interleukin-2 is produced by our E.coli expression system and the target gene encoding Pro22-Thr153(Cys145Ser) is expressed....
Molekulargewicht	Molecular weight: 15.5 KDa. Apparent molecular weight: 14 KDa, reducing conditions
UniProt	P60568
Reinheit	Greater than 95% as determined by reducing SDS-PAGE.

Anwendungsbeschreibung	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 0.1 ng/μg (1 EU/μg) as determined by LAL test. Biological activity: Measured in a cell proliferation assay using CTLL-2 mouse cytotoxic T cells. The ED50 for this effect is 90-270 pg/ml. Background: Recombinant Human Interleukin-2 is a highly purified protein with a molecular weight of approximately 15,300 Daltons. The chemical name is des-alanyl-1, serine-145 Human Interleukin-2. It is produced by recombinant DNA technology using a genetically engineered E. coli strain containing an analog of the human interleukin-2 gene. Genetic engineering techniques were used to modify the Human IL-2 gene, and the resulting expression clone encodes a modified Human IL-2. This recombinant form differs from native Interleukin-2 in following ways: it is not glycosylated, the molecule has serine substituted for cysteine at amino acid position 145, the aggregation state of molecule is likely to be different from that of native IL-2