

Active Recombinant Human IL10 protein

Cat. No. IL10-16H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL10 protein(NP_000563.1) (Ser 19-Asn 178) was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	19-178 aa
Form	Lyophilized from a 0.2 µ filtered concentrated solution in PBS, pH 7.4.
Bio-activity	Fully biologically active when compared to standard. The ED50 as determined by a cell liferation assay using murine MC/9-2 cells is less than 1 ng/ml, corresponding to a specific activity of $> 1.0 \times 10^6$ IU/mg.
Molecular Mass	Apximately 18.6 kDa, a single non-glycosylated polypeptide chain containing 160 amino acids.
AASequence	SPGQGTQSEN SCTHFPGNLP NMLRDLRDAF SRVKTFQMK DQLDNLLLKE SLLEDFKGYL GCQALSEMIQ FYLEEVMPPA ENQDPDIKAH VNSLGENLKT LRLRLRRCHR FLPCENKSKA VEQVKNAFNK LQEKGIYKAM SEFDIFINYI EAYMTMKIRN
Endotoxin	Less than 1 EU/g of rHuIL-10 as determined by LAL method.

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Purity	> 95 % by SDS-PAGE and HPLC analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_000563.1
Unit ID	P22301
Unit ID-Weblink	http://www.uniprot.org/uniprot/P22301

GENE INFORMATION

Gene Name	IL10 interleukin 10 [Homo sapiens]
Official Symbol	IL10
Synonyms	IL10; interleukin 10; interleukin-10; CSIF; cytokine synthesis inhibitory factor; IL 10; IL10A; T cell growth inhibitory factor; TGIF; T-cell growth inhibitory factor; GVHDS; IL-10; MGC126450; MGC126451;
Gene ID	3586
mRNA Refseq	NM_000572

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protein Refseq	NP_000563
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MIM	124092
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