

Active Recombinant Human IL10 protein, His-tagged

Cat. No. IL10-372H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL10 protein(NP_000563.1) (Ser 19-Asn 178) was expressed in HEK293, with a N-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	19-178 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	1. Immobilized human IL10-His at 10 µg/ml (100 µl/well) can bind Cynomolgus IL10RA-Fc, The EC50 of Cynomolgus IL10RA-Fc is 0.31-0.71 µg/ml. 2. Measured in a cell liferation assay using MC/9-2 mouse mast cells. The ED50 for this effect is typically 5-20 ng/mL.
Molecular Mass	The recombinant human IL10 comprises 176 amino acids and has a predicted molecular mass of 20.9 kDa as estimated in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

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thaw cycles.

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

protein Refseq

NP_000563

MIM

124092

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