

Recombinant Rhesus monkey IL10 protein, His-tagged

Cat. No. IL10-20R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus monkey IL10 protein is produced by E.coli expression system and is fused with a His tag at the N-terminal.
Species	Rhesus macaque
Source	E.coli
ProteinLength	Ser19-Asn178
Form	100 mM NaHCO ₃ , 500 mM NaCl, pH 8.3, containing 1 mM EDTA, 1 mM DTT, 0.01 % SKL, 5 % Trehalose and Proclin 300.
Molecular Mass	23 kDa
AA Sequence	SPGQGTQSENSCTRFPGNLPMLRLDLRDAFSRVKTFQMKDQLDNILLKESLLEDF KGYLGQCQALSEMIQFYLEEVMPPQAENHDPDIKEHVNSLGENLKTLLRLRLRRCHRFLP CENKSKAVEQVKNAFSKLQKEGVYKAMSEFDIFINYIEAYMTMKIQN
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 90 %, by SDS-PAGE with Coomassie Brilliant Blue staining.
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Notes	Avoid repeated freeze/thaw cycles.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48 h, and no obvious degradation and precipitation were observed. The loss rate is less than 5 % within the expiration date under appropriate storage condition.
Storage	Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in 100mM NaHCO ₃ , 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

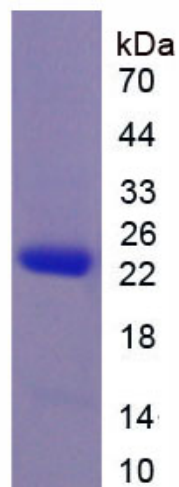
Gene Name	IL10 interleukin 10 [<i>Macaca mulatta</i>]
Official Symbol	IL10
Synonyms	CSIF; IL10A; TGIF; Cytokine Synthesis Inhibitory Factor; interleukin 10;
Gene ID	694931
mRNA Refseq	NM_001044727
Protein Refseq	NP_001038192

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