

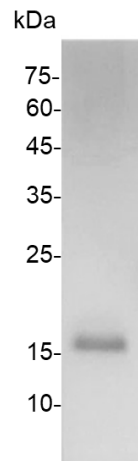
**Recombinant Human IL-10 Protein, HEK293**

v. 250101

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<b>Catalog number</b>	C01206-5UG / C01206-20UG / C01206-100UG
<b>Package</b>	5 µg / 20 µg / 100 µg
<b>Description</b>	Interleukin 10 (IL-10), also known as human cytokine synthesis inhibitory factor (CSIF), is an anti-inflammatory cytokine. In humans, interleukin 10 is encoded by the IL10 gene. IL-10 signals through a receptor complex consisting of two IL-10 receptor-1 and two IL-10 receptor-2 proteins. Consequently, the functional receptor consists of four IL-10 receptor molecules. IL-10 binding induces STAT3 signalling via the phosphorylation of the cytoplasmic tails of IL-10 receptor 1 + IL-10 receptor 2 by JAK1 and Tyk2 respectively.
<b>Source</b>	HEK293
<b>Sequence</b>	Ser19-Asn178
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Form</b>	Lyophilized
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H <sub>2</sub> O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Stability &amp; Storage</b>	This product is stable after storage at: <ul style="list-style-type: none"><li>● -20°C for 12 months in lyophilized state from date of receipt.</li><li>● -20°C or -80°C for 1 month under sterile conditions after reconstitution.</li></ul> Avoid repeated freeze/thaw cycles.

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SDS-PAGE analysis of recombinant IL-10 Protein

*For research use only.*