

重组小鼠白介素10(IL-10)

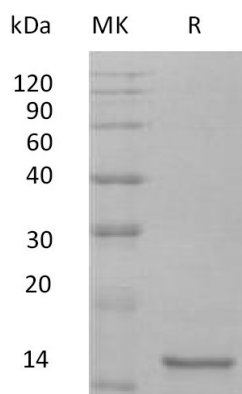
IL-10, Recombinant Mouse Interleukin-10

Cat. No.: MA1359-1 Size: 10µg

Source:	E.coli
Description:	Recombinant Mouse Interleukin-10 is produced by our E.coli expression system and the target gene encoding Ser19-Ser178 is expressed.
Accession:	P18893
Known As:	Interleukin-10; IL10; IL-10; Cytokine synthesis inhibitory factor; CSIF
Predicted Mol Mass:	18.9 KDa
Apparent Mol Mass:	16 KDa, reducing conditions
Endotoxin:	< 0.01 EU/µg as determined by LAL test.
Formulation:	Lyophilized from a 0.2 µm filtered solution of 4mM HCl.
Reconstitution:	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.
Shipping:	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage:	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Background:	Mouse IL10 is the prototypic member of the IL-10 cytokine family, including IL-10, IL-19, IL-20, IL-22 (IL-TIF), IL-24 and IL-26. Many viruses encode viral members of the IL-10 family, such as Epstein-Barr virus (EBV) and human cytomegalovirus (HCMV). Its main function is inhibiting the synthesis of a number of cytokines, including IFN-γ, IL-2, IL-3, TNF and GM-CSF produced by activated macrophages and by helper T-cells. Although human and mouse IL-10 are 81% identical at the nucleotide and amino acid level, mouse IL-10 is species-specific and does not act on human cells. Interestingly, Human IL-10 is active on mouse cells.

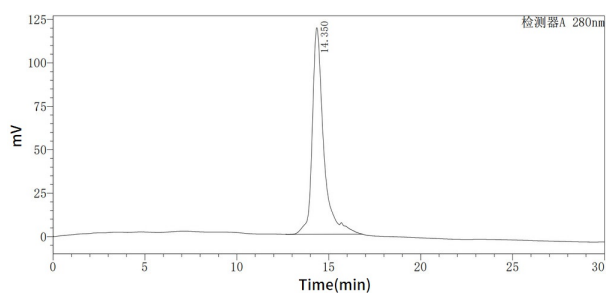


Purity-SDS-PAGE:



Greater than 95% as determined by reducing SDS-PAGE.

Purity-SEC-HPLC:



Greater than 95% as determined by SEC-HPLC. (Regularly tested)

S250101

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