

重组小鼠白介素6(IL-6)

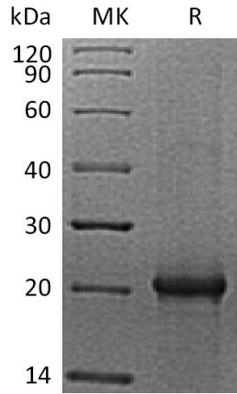
IL-6, Recombinant Mouse Interleukin-6

Cat. No.: MA1335-1 Size: 10 μ g

Source:	E.coli
Description:	Recombinant Mouse Interleukin-6 is produced by our E.coli expression system and the target gene encoding Phe25-Thr211 is expressed.
Accession:	P08505
Known As:	Interleukin-6; IL-6; B-Cell Hybridoma Growth Factor; Interleukin HP-1; Il6; Il-6
Predicted Mol Mass:	21.8 KDa
Apparent Mol Mass:	22 KDa, reducing conditions
Endotoxin:	< 1 EU/ μ g as determined by LAL test.
Formulation:	Lyophilized from a 0.2 μ m filtered solution of 20mM Tris, 5% Sucrose, 0.1mM EDTA, 0.1% Tween-80, pH8.0.
Reconstitution:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/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 $\leq -20^{\circ}\text{C}$, stable for one year after receipt. Reconstituted protein solution can be stored at $2-8^{\circ}\text{C}$ for 2-7 days. Aliquots of reconstituted samples are stable at $\leq -20^{\circ}\text{C}$ for 3 months.
Background:	Interleukin-6 (IL-6) is a pro-inflammatory cytokine that also has an important role in immunity. Mouse IL-6 appears to be directly involved in the responses that occur after infection and injury and may prove to be as important as IL-1 in regulating the acute phase response. Mouse IL-6 is reported to be produced by fibroblasts, activated T cells, activated monocytes or macrophages, and endothelial cells. It acts upon a variety of cells, including fibroblasts, myeloid progenitor cells, T cells, B cells and hepatocytes. IL-6 has a wide variety of biological functions: it plays an essential role in the final differentiation of B-cells into Ig-secreting cells, it induces myeloma and plasmacytoma growth, nerve cells differentiation in hepatocytes, and acute phase reactants.

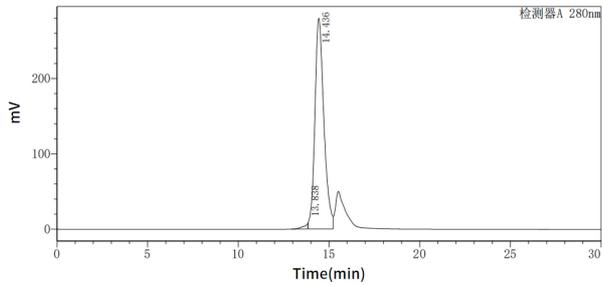


Purity-SDS-PAGE:



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

Purity-SEC-HPLC:



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

