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Mouse IL-12/IL-12A&IL-12B Recombinant Protein (85-713)

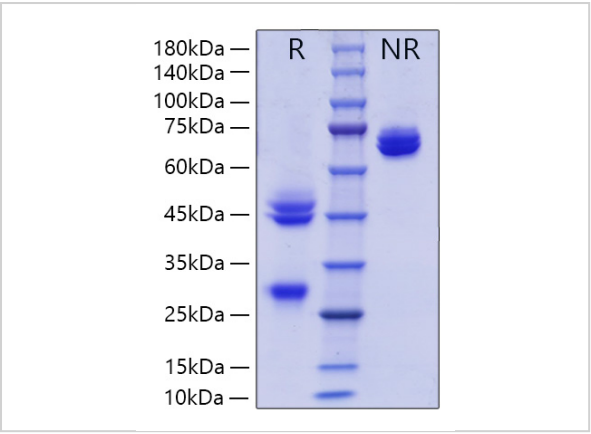
CATALOG NUMBER: 85-713

Specifications

Species	Mouse
Source Species	HEK293 cells
Fusion Tag	C-His(IL-12a)&No tag(IL-12b)
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	22.53 kDa(IL-12A), 35.79 kDa(IL-12B)
Biological Activity	1.Immobilized Mouse IL-12A&IL-12B at 5 μg/mL (100 μL/well) can bind Human IL12RB1 with a linear range of 0.001-3.3 ng/mL.2.Recombinant Mouse IL-12A&IL-12B stimulates cell proliferation of the IL2-activated mouse splenocytes. The ED_{50} for this effect is 0.01- 0.03 ng/mL, corresponding to a specific activity of 3.3×10^{7}~ 1× 10^{8} units/mg.3.Measured by its ability to induce Interferon gamma secretion by human natural killer lymphoma NK-92 cells. The ED_{50} for this effect is 0.63-2.54 ng/mL, corresponding to a specific activity of 3.94×10^{5}~1.58×10^{6} units/mg.

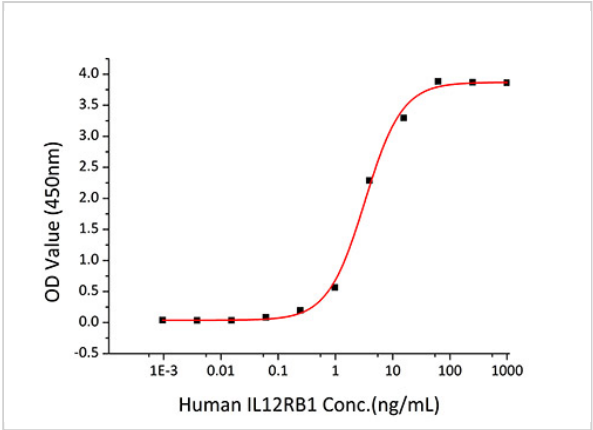
Properties

Purity	≥ 95 % as determined by SDS-PAGE;≥ 95 % as determined by HPLC.
Physical State	Lyophilized
Buffer	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.
Storage Conditions	Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.



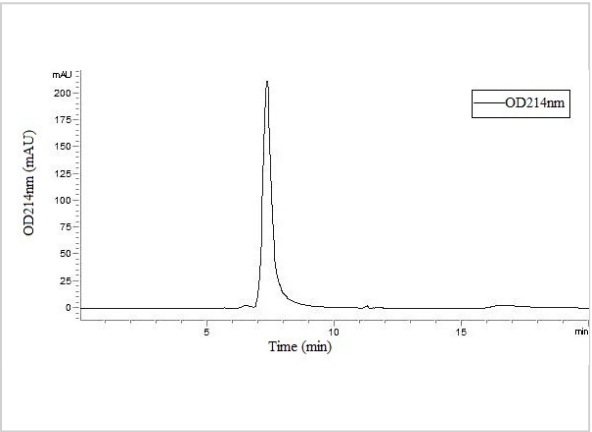
85-713_1

Recombinant Mouse IL-12/IL-12A&IL-12B Protein was determined by SDS-PAGE under reducing (R) and non-reducing (NR) conditions.



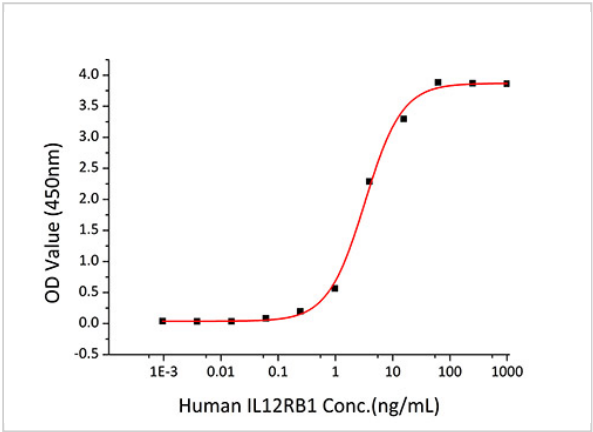
85-713_2

Recombinant Mouse IL-12/IL-12A&IL-12B Protein is greater than 95% as determined by SEC-HPLC.



85-713_3

Immobilized Mouse IL-12A&IL-12B (Catalog: 85-713) at 5 μg/mL (100 μL/well) can bind Human IL12RB1 with a linear range of 0.001-3.3 ng/mL.



85-713_4

Recombinant Mouse IL-12A&IL-12B stimulates cell proliferation of the IL2-activated mouse splenocytes. The ED_{50} for this effect is 0.01- 0.03 ng/mL, corresponding to a specific activity o...

Disclaimer

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