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Human IL-23/IL-12B&IL-23A Recombinant Protein (85-255)

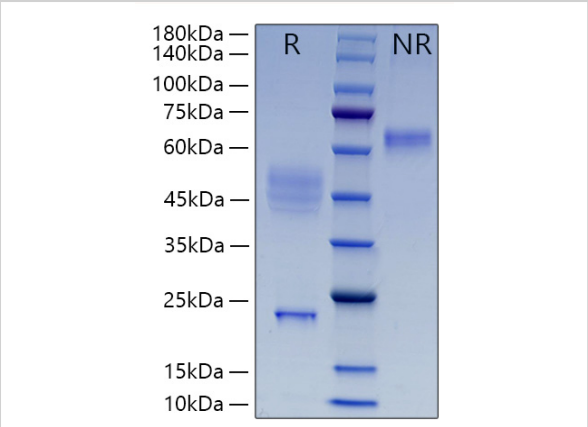
CATALOG NUMBER: 85-255

Specifications

Species	Human
Source Species	HEK293 cells
Fusion Tag	No tag(IL12B)&N-his(IL23A)
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	19.50 kDa(IL-12A), 34.71 kDa(IL-12B)
Biological Activity	1.Measured by its binding ability in a functional ELISA.Immobilized Human IL-12B&IL-23A at 5μg/mL (100 μL/well) can bind Human IL23R with a linear range of 4-135 ng/ml. 2.Measured by its ability to induce IL-17 secretion by mouse splenocytes. The ED_{50} for this effect is 21.23-84.94 ng/mL, corresponding to a specific activity of 1.17×10^4~4.71×10^4 units/mg.

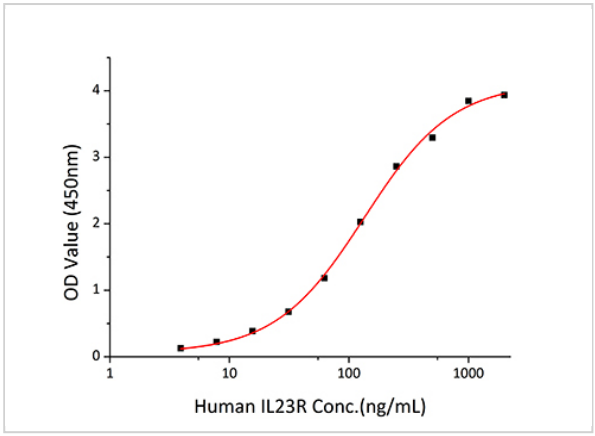
Properties

Purity	≥ 95 % as determined by SDS-PAGE.
Physical State	Lyophilized
Buffer	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.
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.



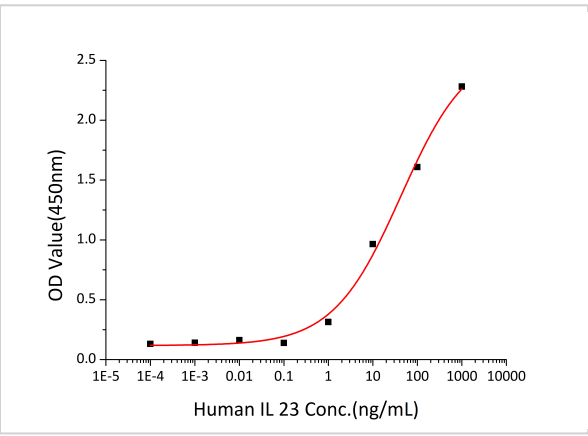
85-255_1

Recombinant Human IL-23/IL-12B&IL-23A Protein was determined by SDS-PAGE under reducing (R) and non-reducing (NR) conditions.



85-255_2

Immobilized Human IL-12B&IL-23A at 5μg/mL (100 μL/well) can bind Human IL23R with a linear range of 4-135 ng/mL.



85-255_3

Recombinant Human IL-23/IL-12B&IL-23A induce IL-17 secretion by mouse splenocytes. The ED_{50} for this effect is 21.23-84.94 ng/mL, corresponding to a specific activity of 1.17×10^4

Disclaimer

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