ProSci LLC
12170 Flint Place
Poway, CA 92064, USA
ProSciAntibodies.com

P: +1 (888) 513-9525
Local: +1 (858) 513-2638
Fax: +1 (858) 513-2692

CustomerCare@ProSciAntibodies.com
ITSupport@ProSciAntibodies.com

Human Retinol-binding Protein 4/PRBP Recombinant Protein (85-052)

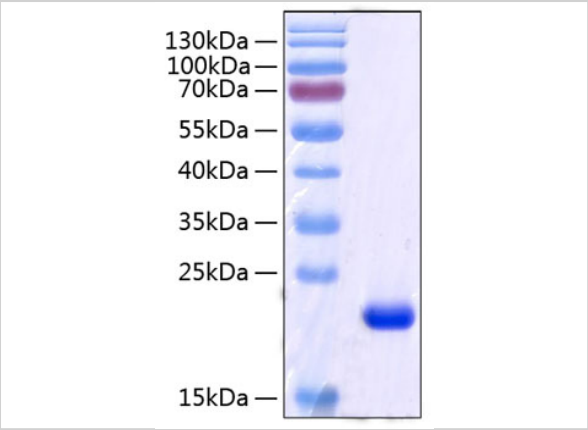
CATALOG NUMBER: 85-052

Specifications

Species	Human
Source Species	HEK293 cells
Fusion Tag	C-His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	21.91 kDa
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human RBP4 Protein at 2 μg/mL (100 μL/well) can bind RBP4 Rabbit mAb with a linear range of 0.12-2.4 ng/mL.

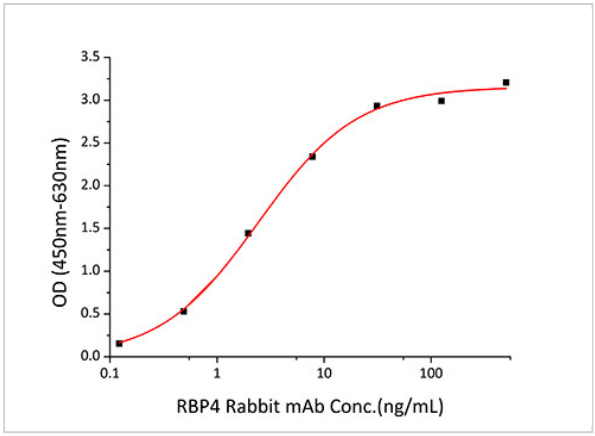
Properties

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.



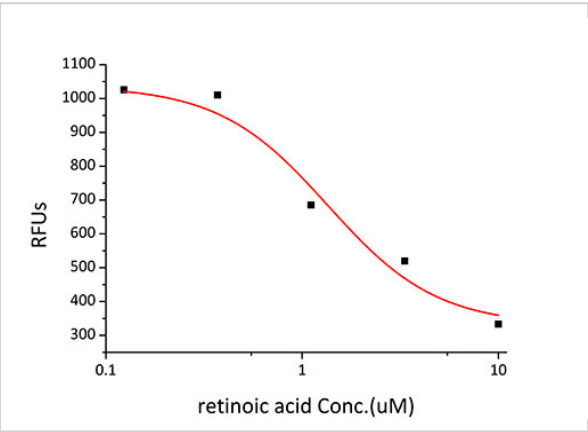
85-052_1

Recombinant Human Retinol-binding protein 4/PRBP Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



85-052_2

Immobilized Human RBP4 Protein at 2 μg/mL (100 μL/well) can bind RBP4 Rabbit mAb with a linear range of 0.12-2.4 ng/mL.



85-052_3

Recombinant human RBP4 binds all-trans retinoic acid. The binding of retinoic acid results in the quenching of Trp fluorescence in RBP4.The 50% binding concentration (BC50) is > 1.35 μM.

Disclaimer

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