

## Active Recombinant Canine RBP4 protein, His-tagged

Cat. No. RBP4-1036C Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Canine RBP4 protein(F1PQI4)(Met1-Leu201), fused with His tag, was expressed in HEK293.
<b>Species</b>	Canine
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Leu201
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured by its ability to bind alltrans retinoic acid. The binding of retinoic acid results in the quenching of Trp fluorescence in RBP4.The 50% binding concentration (BC50) is >1 uM
<b>Molecular Mass</b>	The recombinant canine RBP4 comprises 194 amino acids and has a predicted molecular mass of 22.4 kDa. The apparent molecular mass of the protein is approximately 23 kDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 94 % as determined by SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



**Storage**

Samples are stable for up to twelve months from date of receipt at -20°C to -80°C  
Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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