

Active Recombinant Full Length Human RBP4 protein, His-tagged

Cat. No. RBP4-836H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RBP4 protein(NP_006735.2)(Met1-Leu201), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Leu201
Form	Lyophilized from sterile PBS, pH 7.2Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its ability to bind all-trans retinoic acid. The binding of retinoic acid results in the quenching of Trp fluorescence in RBP4.The 50% binding concentration (BC50) is > 1.0 μ M.
Molecular Mass	The recombinant human RBP4 consists of 194 amino acids after removal of the signal peptide and migrates as an approximately 23 kDa protein as predicted.
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE

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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.

GENE INFORMATION

Gene Name RBP4 retinol binding protein 4, plasma [Homo sapiens]

Official Symbol RBP4

Synonyms RBP4; retinol binding protein 4, plasma; retinol-binding protein 4; RBP; PRBP; plasma retinol-binding protein; retinol-binding protein 4, interstitial;

Gene ID 5950

mRNA Refseq NM_006744

Protein Refseq NP_006735

UniProt ID P02753

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