

Datasheet for ABIN6387731  
**RBP4 Protein (AA 19-201) (His tag)**



[Go to Product page](#)

1 Image

## Overview

Quantity:	100 µg
Target:	RBP4
Protein Characteristics:	AA 19-201
Origin:	Mouse
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RBP4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	ERDCRVSSFR VKENFDKARF SGLWYAIKK DPEGLFLQDN IIAEFSVDEK GHMSATAKGR VRLLSNWEVC ADMVGTFTDT EDPAKFKMKY WGVASFLQRG NDDHWIIDTD YDTFALQYSC RLQNLDTGCA DSYSFVFSRD PNGLSPETRR LVRQRQEELC LERQYRWIEH NGYCQSRPSR NSLLEHHHHH H
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

## Target Details

Target:	RBP4
Alternative Name:	Retinol-binding protein 4 ( <a href="#">RBP4 Products</a> )
Background:	RBP4, also known as retinol-binding protein 4, is the specific carrier for retinol, and is

## Target Details

---

responsible for the conversion of unstable and insoluble retinol in aqueous solution into stable and soluble complex in plasma through their tight interaction. This protein delivers retinol from the liver stores to the peripheral tissues. In plasma, the RBP-retinol complex interacts with transthyretin and prevents its loss by filtration through the kidney glomeruli. Recombinant mouse RBP4, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 22.4kDa (191aa) 18-28KDa (SDS-PAGE under reducing conditions.)

NCBI Accession: [NP\\_035385](#)

UniProt: [Q00724](#)

Pathways: [Regulatory RNA Pathways](#), [Positive Regulation of Peptide Hormone Secretion](#), [Carbohydrate Homeostasis](#), [Production of Molecular Mediator of Immune Response](#)

## Application Details

---

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

---

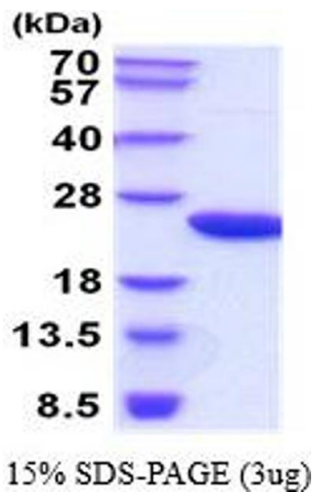
Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE

Image 1.