

# Recombinant Human Retinol-binding protein 3/RBP3 Protein

RPCB1950



## Product Information

**Product SKU:** RPCB1950      **Gene ID:** 5949      **Size:** 10µg  
**Tag:** N-His      **Reactivity:** Human

## Additional Information

**Expression Host:** -      **Swissprot:** P10745  
**Purity:** > 95% by SDS-PAGE.

## Protein Information

**Background:** Retinol-binding proteins (RBP) are carrier proteins that bind retinol. Retinol and retinoic acid play crucial roles in the modulation of gene expression and overall development of an embryo. However, deficit or excess of either one of these substances can cause early embryo mortality or developmental malformations. Regulation of transport and metabolism of retinol necessary for a successful pregnancy is accomplished via RBP. Retinol binding proteins have been identified within the uterus, embryo, and extraembryonic tissue of the bovine, ovine, and porcine, clearly indicating that RBP plays a role in proper retinol exposure to the embryo and successful transport at the maternal-fetal interface.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Human Retinol-binding protein 3/RBP3 Protein, tested reactivity in E.coli and has been validated in SDS-PAGE. 100% guaranteed.

**Endotoxin:** < 1.0 EU/µg of the protein by LAL method.

**Formulation:** Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

**Storage:** 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.

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