# **Human RBP5 / retinol binding protein 5 (His Tag)**

Catalog Number: 502324



# **General Information**

## Gene Name Synonym

Cellular retinol-binding protein III; HRBPiso

#### **Protein Construction**

A DNA sequence encoding the human RBP5 (P82980) (Met1-Arg135) was expressed with a polyhistide tag at the N-terminus.

## **Organism**

Human

# **Expression Host**

E. coli

# **QC Testing**

# **Purity**

> 95 % as determined by SDS-PAGE

#### **Endotoxin**

Please contact us for more information.

## **Stability**

Samples are stable for up to twelve months from date of receipt at -70  $^{\circ}$ C

#### **Predicted N terminal**

His

#### **Molecular Mass**

The recombinant human RBP5 consists of 153

amino acids and predicts a molecular mass of 18.2 KDa. It migrates as an approximately 18 KDa band in SDS-PAGE under reducing conditions.

#### **Formulation**

Lyophilized from sterile PBS, pH 7.4.

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

# **Usage Guide**

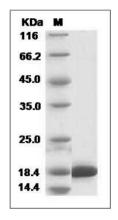
#### Storage

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

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

#### **SDS-PAGE**



Human RBP5 / Retinol binding protein 5 Protein (His Tag) SDS-PAGE