# Mouse RPE / RPE2-1 (His Tag) recombinant protein

Catalog Number: 502368



## **General Information**

## Gene Name Synonym

Ribulose-5-phosphate-epimerase

# **Protein Construction**

A DNA sequence encoding the mouse RPE (Q8VEE0) (Met1-Arg228) was expressed with a C-terminal polyhistidine tag.

# Organism

Mouse

# **Expression Host**

**Human Cells** 

# **QC Testing**

#### **Purity**

> 90 % as determined by SDS-PAGE

#### **Endotoxin**

< 1.0 EU per  $\mu g$  of the protein as determined by the LAL method

## **Stability**

Samples are stable for up to twelve months from date of receipt at -70°C

## Predicted N terminal

Met

#### **Molecular Mass**

The recombinant mouse RPE comprises 239 amino acids and has a predicted molecular mass of 26.4 kDa. The apparent molecular mass of the protein is approximately 27 kDa in SDS-PAGE under reducing conditions due to glycosylation.

#### **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**

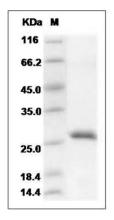
#### Storage

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**



Mouse RPE / RPE2-1 Protein (His Tag) SDS-PAGE