

Recombinant Full Length Mouse Rpe protein(Met1-Arg228), His-tagged

Cat. No. Rpe-7409M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse RPE (Q8VEE0) (Met1-Arg228) was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Arg228
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
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.

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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	Rpe ribulose-5-phosphate-3-epimerase [<i>Mus musculus</i>]
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Official Symbol	Rpe
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Synonyms	RPE; ribulose-5-phosphate-3-epimerase; ribulose-phosphate 3-epimerase; ribulose-5-phosphate-epimerase; 2810429B02Rik; 5730518J08Rik;
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Gene ID	66646
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mRNA Refseq	NM_025683
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Protein Refseq	NP_079959
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