

Recombinant Full Length Human RPE protein(Met1-Arg228), His-tagged

Cat. No. RPE-3235H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RPE(NP_954699.1) (Met 1-Arg 228) was expressed in HEK293, with a polyhistidine tag at the C-terminus.
Species	Human
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 human RPE consists of 239 amino acids and has a calculated molecular mass of 26.4 kDa as estimated in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 97 % 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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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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 [Homo sapiens]
Official Symbol	RPE
Synonyms	RPE; ribulose-5-phosphate-3-epimerase; ribulose-phosphate 3-epimerase; RPE2-1; MGC2636;
Gene ID	6120
mRNA Refseq	NM_006916
Protein Refseq	NP_008847
MIM	180480
UniProt ID	Q96AT9

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