

RPE Protein, Human (HEK293, His)

Cat. No.:	HY-P74592
Synonyms:	Ribulose-Phosphate 3-Epimerase; RPE; HUSSY-17
Species:	Human
Source:	HEK293
Accession:	Q96AT9 (M1-R228)
Gene ID:	6120
Molecular Weight:	Approximately 26.4 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	The RPE Protein, an enzyme, plays a crucial role in the metabolism of vitamin A. It converts retinol to retinaldehyde, which is essential for vision. In addition, RPE Protein inhibits tumor growth and may have potential therapeutic applications in treating certain conditions.
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Caution: Product has not been fully validated for medical applications. For research use only.

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