

# Human RPE Recombinant Protein



RPPB2255

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## Product Information    Protein Information

**Product SKU:**

RPPB2255

**Accession:**

Q96AT9

**Host:**

Escherichia Coli.

**Protein description:**

RPE Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 252 amino acids (1-228) and having a molecular mass of 27.5kDa. RPE is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

Ribulose-phosphate 3-epimerase, Ribulose-5-phosphate-3-epimerase, RPE, HUSSY-17, RPE2-1.

**Formulation:**

The RPE solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 30% glycerol and 200mM NaCl.

**Purity:**

Greater than 95% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGSHTMASGCK IGPSILNSDL ANLGAELRM LDSGADYLHL DVMDGHFVFN  
ITFGHPVVES LRKQLGQDPF FDMHMMVSKP EQWVKPMAVA GANQYTFHLE ATENPGALIK DIRENGMKVG  
LAIKPGTSVE YLAPWANQID MALVMTVEPG FGGQKFMEDM MPKVHWRRTQ FPSLDIEVDG GVGPDVTVHKC  
AEAGANMIVS GSAIMRSEDP RSVINLLRNV CSEAAQKRSL DR.