

## Ribulose-5-Phosphate-3-Epimerase Human Recombinant

<b>Item Number</b>	rAP-1086
<b>Synonyms</b>	Ribulose-phosphate 3-epimerase, Ribulose-5-phosphate-3-epimerase, RPE, HUSSY-17, RPE2-1.
<b>Description</b>	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.
<b>Uniprot Accesion Number</b>	Q96AT9
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSHMASGCK IGPSILNSDL ANLGAECLRM LDSGADYLHL DVMDGHFVPN ITFGHPVVES LRKQLGQDPF FDMHMMVSKP EQWVKPMAVA GANQYTFHLE ATENPGALIK DIRENGMKVG LAIKPGTSVE YLAPWANQID MALVMTVEPG FGGQKFMEDM MPKVHWL- RTQ FPSLDIEVDG GVGPDVTIHKC AEAGANMIVS GSAIMRSEDP RSVINLLRNV CSEAAQKRSL DR.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. 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.
<b>Formulation and Purity</b>	The RPE solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 30% glycerol and 200mM NaCl. Greater than 95% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**