

Ribulose-5-Phosphate-3-Epimerase Human Recombinant

Item Number	rAP-1086
Synonyms	Ribulose-phosphate 3-epimerase, Ribulose-5-phosphate-3-epimerase, RPE, HUSSY-17, RPE2-1.
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.
Uniprot Accession Number	Q96AT9
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSHTASGCK IGPSILNSDL ANLGAELCRM LDSGADYLHL DVMDGHFVFN ITFGHPVVS LRKQLGQDPF FDMHMMVSKP EQWVKPMAVA GANQYTFHLE ATENPGALIK DIRENGMKVG LAIKPGTSVE YLAPWANQID MALVMTVEPG FGGQKFMEDM MPKVHWL- RTQ FPSLDIEVDG GVGPDTHVHC AEAGANMIVS GSAIMRSEDP RSVINLLRNV CSEAAQKRSL DR.
Source	Escherichia Coli.
Physical Appearance and Stability	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.
Formulation and Purity	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.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**