

Recombinant Full Length Human RPE protein, GST-tagged

Cat. No. RPE-2370H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RPE protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-228aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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

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mRNA Refseq	NM_006916
Protein Refseq	NP_008847
MIM	180480
UniProt ID	Q96AT9
Chromosome Location	2q32-q33.3
Pathway	Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of carbohydrates, organism-specific biosystem; Pentose Phosphate Pathway, organism-specific biosystem; Pentose and glucuronate interconversions, organism-specific biosystem; Pentose and glucuronate interconversions, conserved biosystem; Pentose phosphate pathway, organism-specific biosystem;
Function	catalytic activity; identical protein binding; isomerase activity; metal ion binding; protein homodimerization activity; ribulose-phosphate 3-epimerase activity; ribulose-phosphate 3-epimerase activity; ribulose-phosphate 3-epimerase activity;