

Product datasheet for **AR50264PU-N**

RPE (1-228, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	RPE (1-228, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHTMASGCK IGPSILNSDL ANLGAECLRM LDSGADYLHL DVMDGHFVFN ITFGHPVVES LRKQLGQDPF FDMHMMVSKP EQWVKPMAVA GANQYTFHLE ATENPGALIK DIRENGMKVG LAIKPGTSVE YLAPWANQID MALVMTVEPG FGGQKFMEDM MPKVHWLRTQ FPSLDIEVDG GVGPDTVHKC AEAGANMIVS GSAIMRSEDP RSVINLLRNV CSEAAQKRSL DR
Tag:	His-tag
Predicted MW:	27.5 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2 mM DTT, 30% glycerol, 200 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human RPE protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001265211
Locus ID:	6120
UniProt ID:	Q96AT9
Cytogenetics:	2q34
Synonyms:	RPE2-1



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Summary:	Catalyzes the reversible epimerization of D-ribulose 5-phosphate to D-xylulose 5-phosphate. [UniProtKB/Swiss-Prot Function]
Protein Pathways:	Metabolic pathways, Pentose and glucuronate interconversions, Pentose phosphate pathway