

Recombinant Human RPIA protein, GST-tagged

Cat. No. RPIA-6744H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RPIA protein(1-311 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-311 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	MQRPGPFSTLYGRVLA LPLPGRAGGAASGGGGNSWDLPGSHVRLPGRAQSGTRGG AGNTSTSCGDSNSICPAPSTMSKAEAEAKLAGRAAVENHVRNNQVLGIGSGSTIVHA VQRIAERVKQENLNLVCIPTSFQARQLILQYGLTSLDLDRHPEIDL AIDGADEV DADLN LIKGGGGCLTQE KIVAGYASRFIVIADFRKDSKNLGDQWHKGIPIEVIPMAYVPVSRA VSQKFGGVVELRMAVNKAGPVVTDNGNFILDWKFDRVHKWSEVNTAIKMIPGVVDT GLFINMAERVYFGMQDGSVNMREKPF C
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name

RPIA ribose 5-phosphate isomerase A [Homo sapiens]

Official Symbol

RPIA

Synonyms

RPIA; ribose 5-phosphate isomerase A; ribose-5-phosphate isomerase; ribose 5 phosphate epimerase; phosphoriboisomerase; ribose 5-phosphate epimerase; RPI;

Gene ID

22934

mRNA Refseq

NM_144563

Protein Refseq

NP_653164

MIM

180430

UniProt ID

P49247

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



SDS-PAGE



☎ Tel: 1-631-559-9269 1-516-512-3133

☎ Email: info@creative-biomart.com ☎ Fax: 1-631-938-8127

☎ 45-1 Ramsey Road, Shirley, NY 11967, USA