

Human RPIA Recombinant Protein



RPPB2256

Product Information Protein Information

Product SKU:

RPPB2256

Accession:

P49247

Host:

Escherichia Coli.

Protein description:

RPIA Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 331 amino acids (1-311) and having a molecular mass of 35.4kDa. RPIA is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

Ribose-5-phosphate isomerase, Phosphoriboisomerase, RPIA, RPI.

Formulation:

The RPIA solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 40% glycerol, 200mM NaCl, 2mM EDTA and 0.2mM PMSF.

Purity:

Greater than 90% as determined by SDS-PAGE.

Stability:

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.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MQRPGPFSTL YGRVLAPLPG RAGGAASGGG GNSWDLPGSH VRLPGRAQSG
TRGGAGNTST SCGDSNSICP APSTMSKAE AKKLAGRAAV ENHVRNNQVL GIGSGSTIVH AVQRIAERVK
QENLNLVCIP TSFQARQLIL QYGLTSLDLD RHPEIDLAI DGADEV DADLN LIKGGGGCLT QEKIVAGYAS
RFVIADFRK DSKNLGDQWH KGIPIEVIPM AYVPVSRVAVS QKFGGVVELR MAVNKAGPVV TDNGNFILDW
KFDRVHKWSE VNTAIKMIPG VVDTGLFINM AERVYFGMQD GSVNMREKPF C.