

Human PRKG1/PRKG1B/PRKGR1A/PRKGR1B (His tag) recombinant protein



Catalog Number: 519287

General Information

Gene Name Synonym

cGMP-Dependent Protein Kinase 1, cGK 1, cGK1, cGMP-Dependent Protein Kinase I, cGKI, PRKG1, PRKG1B, PRKGR1A, PRKGR1B

Protein Construction

A DNA sequence encoding the Human PRKG1/PRKG1B/PRKGR1A/PRKGR1B Gly2-Pro686 is expressed with a 6His tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

>95% as determined by SDS-PAGE.

Endotoxin

<1.0 EU per µg protein as determined by the LAL method.

Stability

Store for up to 12 months at -20°C to -80°C as lyophilized powder. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Formulation

Lyophilized from a 0.2 µm filtered solution of 20mM Tris, 150mM NaCl, pH8.0.

Usage Guide

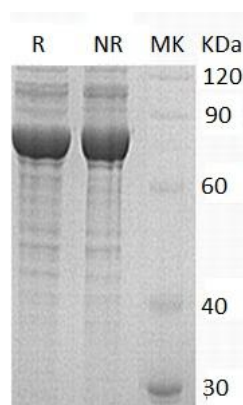
Storage

Lyophilized protein should be stored at <-20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE



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