

Human PDK1 Recombinant Protein



RPPB2598

Product Information Protein Information

Product SKU:

RPPB2598

Accession:

Q15118

Host:

Escherichia Coli.

Protein description:

PDK1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 429 amino acids (29-436) and having a molecular mass of 48.6 kDa. PDK1 is fused to 20 a.a. His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Pyruvate dehydrogenase kinase isoform 1, PDK1, Pyruvate dehydrogenase (lipoamide) kinase isozyme 1 mitochondrial.

Formulation:

PDK1 solution containing 20mM Tris pH-7, 0.5mM DTT, 0.1M NaCl, 0.1mM EDTA 0.1mM PMSF, 1mM MgCl₂ and 40% glycerol.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Stability:

PDK1 Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MSSDSGSSPA SERGVPGQVD FYARFSPSPL SMKQFLDFGS VNACEKTSFM
FLRQELPVRL ANIMKEISLLPDNLLRTPSV QLVQSWYIQS LQELDFKDK SAEDAKAIYD FTDTVIRIRN
RHNDVIPTMA QGVIEYKESF GVDPVTSQNV QYFLDRFYMS RISIRMLLNQ HSLLFGGKKGK GSPSHRKHIG
SINPNCNVLE VIKDGYENAR RLCDLYYINS PELELEELNA KSPGQPIQVV YVPSHLYHMFELFKNAMRA
TMEHHANRGV YPPIQVHVTL GNEDLTVKMS DRGGGVPLRK IDRLFNYMYS TAPRPRVETS RAVPLAGFGY
GLPISRLYAQ YFQGDCLKYS LEGYGTDAVI YIKALSTDSI ERLPVYNKAA WKHYNTNHEA DDWCVPSREP
KDMTTFRSA.