

Human GCK Recombinant Protein



RPPB2540

Product Information Protein Information

Product SKU:

RPPB2540

Accession:

P35557

Host:

Escherichia Coli.

Protein description:

Glucokinase Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (aa 1-465) fused to a 20aa His tag at the N-terminal encoding the sequence of 485 amino acids and having a molecular mass of 54.3 kDa.HK4 is purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Glucokinase, EC 2.7.1.2, Hexokinase-4, Hexokinase type IV, HK IV, HK4, Hexokinase-D, GCK, GK, GLK, HHF3, HKIV, HXKP, MODY2.

Formulation:

The protein (1mg/ml) contains 20mM Tris-HCl pH-8.0 and 10% glycerol.

Purity:

Greater than 95.0% 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). Please avoid freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SSGLVPRGSH MLDDRARM EA AKKEKVEQIL AEFQLQEEDL KKVMRRMQKE MDRGLRLETH
EEASVKMLPT YVRSTPEGSE VGDFLSLDLG GTNFRVMLVK VGEGEEGQWS VKTKHQMYSI PEDAMTGTAE
MLFDYISECI SDFLDKHQMK HKKLPLGFTF SFPVRHEDID KGILLNWTKG FKASGAEGNN VVGLLRDAIK
RRGDFEMDVV AMVNDTVATM ISCYYEDHQC EVGMIVGTGC NACYMEEMQN VELVEGDEGR
MCVNTEWGAF GDSGELDEFL LEYDRLVDES SANPGQQLYE KLIGGKYMGE LVRLVLLRLV DENLLFHGEA
SEQLRTRGAF ETRFVSQVES DTGDRKQIYN ILSTGLRPS TTDCDIVRRA CESVSTRAAH MCSAGLAGVI
NRMRESRSED VMRITVGVDG SVYKLHPSFK ERFHASVRRL TPSCEITFIE SEEGSGRGAA LVS AVACKKA
CMLGQ.