



Recombinant Protein Technical Manual

Recombinant Human GALK2 Protein (His Tag)

RPES5068

Product Data:

Product SKU: RPES5068

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q01415

Protein Information:

Molecular Mass: 51.4 kDa

AP Molecular Mass: 47 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

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

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.

Formulation: Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: N-acetylgalactosamine kinase; GalNAc kinase; Galactokinase 2; GALK2 and GK2

Immunogen Information:

Sequence: Met 1-Ala458

Background:

GALK2 acts as a galactokinase when galactose is present at high concentrations. GALK2 may be involved in a salvage pathway for the reutilization of free GalNAc derived from the degradation of complex carbohydrates. GALK2 has been reported to participate in pathways , such as Amino sugar and nucleotide sugar metabolism, Galactose metabolism and Metabolic pathways.