

Recombinant Human GALK2, His-tagged

Cat. No. GALK2-13127H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GALK2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	109-458a.a.
Description	This gene encodes a highly efficient N-acetylgalactosamine (GalNAc) kinase, which has galactokinase activity when galactose is present at high concentrations. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	GALK2 galactokinase 2 [Homo sapiens]
Official Symbol	GALK2

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Synonyms	GALK2; galactokinase 2; N-acetylgalactosamine kinase; GK2; galNAc kinase; MGC1745;
Gene ID	2585
mRNA Refseq	NM_001001556
Protein Refseq	NP_001001556
MIM	137028
UniProt ID	Q01415
Chromosome Location	15
Pathway	Amino sugar and nucleotide sugar metabolism, organism-specific biosystem; Amino sugar and nucleotide sugar metabolism, conserved biosystem; Galactose metabolism, organism-specific biosystem; Galactose metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem;
Function	ATP binding; N-acetylgalactosamine kinase activity; galactokinase activity; galactokinase activity; kinase activity; nucleotide binding; transferase activity;