Leader in Biomolecular Solutions for Life Science

www.abclonal.com

HK1 Knockout 293T Cell Lysate, Homozygous

Catalog No.: RM01976

Basic Information

Catalog No.
RM01976

Category
Cell Lysate

Parental Cell line
293T

Genotype
Knockout

Background

Hexokinases phosphorylate glucose to produce glucose-6-phosphate, the first step in most glucose metabolism pathways. This gene encodes a ubiquitous form of hexokinase which localizes to the outer membrane of mitochondria. Mutations in this gene have been associated with hemolytic anemia due to hexokinase deficiency. Alternative splicing of this gene results in several transcript variants which encode different isoforms, some of which are tissue-specific. [provided by RefSeq, Apr 2016]

Gene Information

Gene Symbol
HK1

Species
Human

Gene ID
3098

Swiss Prot
P19367

Synonyms
HK; HK1-ta; HK1-tb; HK1-tc; HKD; HKI; HMSNR; HXK1; hexokinase

Product Information

Description
HK1 Knockout 293T Cell Line is engineered from 293T cell line with Gene-Editing technology.
Allele-1:4bp deletion in exon2
Allele-2:4bp deletion in exon2
Mammalian cells such as human, rat and mouse cells are normally diploid with two alleles. Homozygote: both alleles were knocked out, mRNA has no signal, no expression of proteins. Heterozygote: only one allele was knocked out, the mRNA transcript levels was decreased compared to wild type, and the protein expression levels was also lower than that of the wild type.

Packaging
1 vial parental cell Lysate and 1 vial knockout cell Lysate

Shipping Conditions
4℃

Amount
50μL, 2μg/μL.

Storage
Store at -20℃

Protocol
To be used as WB control. Lysate is supplied in 1× SDS sample buffer (2% SDS, 60 mM Tris-HCl pH 6.8, 10% Glycerol, 0.02% Bromophenol blue, 60 mM beta-mercaptoethanol). Lysate should be boiled for 3 - 5 minutes before loading onto gel.

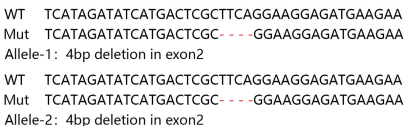
Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Sequencing data



Genome sequence analysis of PCR products from parental (WT) and HK1 knockout (KO) 293T cells, using sanger sequencing.

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.