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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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HK1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00003098-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

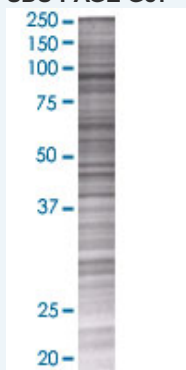
Plasmid: pCMV-HK1 full-length

Host: Human

Theoretical MW (kDa): 100.87

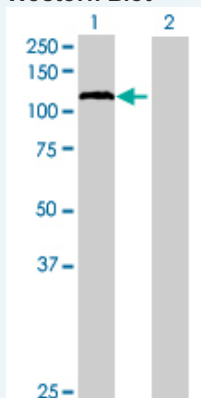
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-HK1 antibody (H00003098-B01) by Western Blots.

SDS-PAGE Gel



HK1 transfected lysate.

Western Blot



Lane 1: HK1 transfected lysate (100.87 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Applications

Western Blot

Gene Information

Entrez GeneID: [3098](#)

GeneBank [NM_033496.1](#)
Accession#:

Protein [NP_277031.1](#)
Accession#:

Gene Name: HK1

Gene Alias: HK1-ta, HK1-tb, HK1-tc, HKI, HXK1

Gene Description: hexokinase 1

Omim ID: [142600](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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 five transcript variants which encode different isoforms, some of which are tissue-specific. Each isoform has a distinct N-terminus; the remainder of the protein is identical among all the isoforms. A sixth transcript variant has been described, but due to the presence of several stop codons, it is not thought to encode a protein. [provided by RefSeq]

Other Designations: OTTHUMP00000019725, brain form hexokinase, glycolytic enzyme

Gene Pathway

[Amino sugar and nucleotide sugar metabolism](#)
[Biosynthesis of alkaloids derived from histidine and purine](#)
[Biosynthesis of alkaloids derived from ornithine, lysine and nicotinic acid](#)
[Biosynthesis of alkaloids derived from shikimate pathway](#)
[Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
[Biosynthesis of phenylpropanoids](#) [Biosynthesis of plant hormones](#)
[Biosynthesis of terpenoids and steroids](#) [Fructose and mannose metabolism](#)
[Galactose metabolism](#) [Glycolysis / Gluconeogenesis](#) [Insulin signaling pathway](#)
[Metabolic pathways](#) [Starch and sucrose metabolism](#) [Streptomycin biosynthesis](#)
[Type II diabetes mellitus](#)

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