

Recombinant Human HK1

Catalog No: #GP11190



Package Size: #GP11190-1 100ug

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Description

Product Name	Recombinant Human HK1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 320-481 amino acids of human HK1
Target Name	hexokinase 1
Other Names	HKD; HKI; HXK1; HMSNR; HK1-ta; HK1-tb; HK1-tc
Accession No.	Swissprot:P19367Gene Accession:BC008730
Uniprot	P19367
GeneID	3098;
Storage	-20~-80°C, pH 7.6 PBS

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 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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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