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Datasheet for ABIN2129683

Hexokinase 2 Protein (HK2)

Overview

Quantity:	100 µg
Target:	Hexokinase 2 (HK2)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	SDS-PAGE (SDS)

Product Details

Purity:	> 95 % pure
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Target Details

Target:	Hexokinase 2 (HK2)
Alternative Name:	Hexokinase 2 (HK2 Products)
Molecular Weight:	104.1 kDa (937aa)
Pathways:	PI3K-Akt Signaling , Carbohydrate Homeostasis , Warburg Effect

Application Details

Comment:	Biological activity: Specific activity is 3-4 units/mL obtained by measuring the increase of NADPH in absorbance at 340 nm resulting from the reduction of NADP. In the coupled mode, one unit will produce 1.0 µM of NADPH per minute as glucose is phosphorylated by ATP at pH
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Application Details

7.4 at 30DEG C.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Supplied as a liquid in 20 mM Tris-HCl, pH 8.0, containing 10 % glycerol.

Storage: 4 °C/-20 °C/-80 °C