

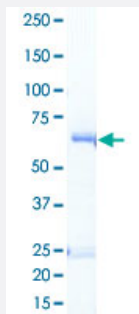
Bioactive

Full-Length

PDK2 (Human) Recombinant Protein

Catalog # P5616 Size 5 ug

Applications



Result of activity analysis

Result of activity analysis

Specification

Product Description	Human PDK2 (NP_002602.2, 1 a.a. - 407 a.a.) full-length recombinant protein with GST tag expressed in baculovirus infected Sf21 cells.
Host	insect
Theoretical MW (kDa)	73
Form	Liquid
Preparation Method	Baculovirus infected insect cell (Sf21) expression system
Purification	Glutathione sepharose chromatography
Purity	77 % by SDS-PAGE/CBB staining

Activity	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip 3000. Substrate: PDHKtide. ATP: 100 uM.
Quality Control Testing	Loading 1 ug protein in SDS-PAGE
Storage Buffer	In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.05% Brij35, 1 mM DTT, 10% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — PDK2

Entrez GeneID	5164
Protein Accession#	NP_002602.2
Gene Name	PDK2
Gene Alias	PDHK2
Gene Description	pyruvate dehydrogenase kinase, isozyme 2
Omim ID	602525
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	pyruvate dehydrogenase kinase, isoenzyme 2