

Active Recombinant Human HIPK2 Protein, GST-tagged

Cat. No. HIPK2-4761H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HIPK2 (Q9H2X6, 1 a.a. - 1198 a.a.) full-length recombinant protein with GST tag expressed in baculovirus infected Sf21 cells.
Species	Human
Source	Insect Cells
Description	HIPK2 is a conserved serine/threonine nuclear kinase that interacts with homeodomain transcription factors.[supplied by OMIM
Form	Liquid
Bio-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: DYRKtide-F. ATP: 100 μM.
Molecular Mass	158 kDa
Purity	76 % by SDS-PAGE/CBB staining
Applications	Functional Study SDS-PAGE

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Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.1% CHAPS, 1 mM DTT, 10% glycerol)

GENE INFORMATION

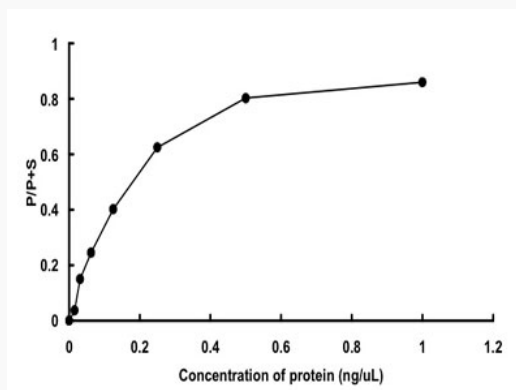
Gene Name	HIPK2 homeodomain interacting protein kinase 2 [Homo sapiens]
Official Symbol	HIPK2
Synonyms	HIPK2; homeodomain interacting protein kinase 2; homeodomain-interacting protein kinase 2; hHIPk2; PRO0593; FLJ23711; DKFZp686K02111;
Gene ID	28996
mRNA Refseq	NM_001113239
Protein Refseq	NP_001106710
MIM	606868
UniProt ID	Q9H2X6

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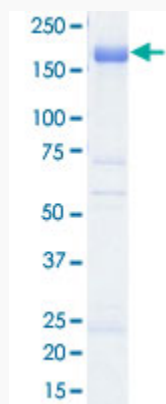
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Result of activity analysis



Quality Control Testing



Loading 1 µg protein in SDS-PAGE

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