Recombinant Human Homeodomain Interacting Protein Kinase 3

Cat. No. HIPK3-729H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HIPK3, internal fragment, amino acids T163-N562, activated, untagged, was expressed in*Sf9*insect cells. MW = 46,163 Da.
Species	Human
Source	Sf9 Cells
ProteinLength	163-562 a.a.
Description	Homeodomain-interacting protein kinase 3 is an enzyme that in humans is encoded by the HIPK3 gene.
Purification	GST-Affinity Chromatography.
Product Identity	HIPK3 was confirmed as HIPK3 by mass spectroscopy LC-ESI-MS/MS.
Activation	in vitro autoactivation.
Storage Buffer	50 mM HEPES pH 7.5, 100 mM NaCl, 5 mM DTT, 20% glycerol.
Concentration	0.094 μg/μl (Bradford method using BSA [Sigma, cat# A-7638, Lot 79H7641] as standard protein).
Specific Activity	12 pmol/μg×min.

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Storage	-80°C. Avoid repeated freeze-thaw cycles!

GENE INFORMATION

Gene Name	HIPK3 homeodomain interacting protein kinase 3 [Homo sapiens]
Synonyms	HIPK3; homeodomain interacting protein kinase 3; PKY; YAK1; DYRK6; FIST3; homeodomain-interacting protein kinase 3; ANPK; FIST; homolog of protein kinase YAK1; fas-interacting serine/threonine-protein kinase; androgen receptor-interacting nuclear protein kinase; EC 2.7.11.1
Gene ID	10114
mRNA Refseq	NM_001048200
Protein Refseq	NP_001041665
MIM	604424
UniProt ID	Q9H422
Chromosome Location	11p13
Function	ATP binding; nucleotide binding; protein kinase activity; protein serine/threonine kinase activity; protein serine/threonine kinase activity; transferase activity

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