

Recombinant Human Homeodomain Interacting Protein Kinase 3, His-tagged

Cat. No. HIPK3-5428H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant humanHIPK3 catalytic domain (amino acids 163-562), His-tagged. Activated in vitrovia auto-phosphorylation.
Species	Human
Source	Insect Cells
ProteinLength	163-562 a.a.
Description	HIPK3 is anenzyme that in humans is encoded by the HIPK3 gene.
Form	Liquid in 50 mMTris, pH 7.5 + 150 mM NaCl + 0.5 mM EDTA + 2 mM DTT + 0.02% Triton X-100 +50% glycerol.
Molecular Weight	49.7 kDa
Specific Activity	57 nmole ofphosphate transferred to myelin basic protein (MBP) per minute per mg ofttotal protein at 30°C. Activity determined at a final protein concentrationof 8.33 ug/ml.
Storage	Stable for 6 monthsin working aliquots at -80°C. Avoid repeated freeze-thaw cycles.
OfficialSymbol	HIPK3

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GENE INFORMATION

Gene Name	HIPK3 homeodomain interactingprotein kinase 3 [Homo sapiens]
Synonyms	HIPK3; homeodomain interactingprotein kinase 3; PKY; YAK1; DYRK6; FIST3; homeodomain-interacting proteinkinase 3; ANPK; FIST; homolog of protein kinase YAK1; fas-interactingserine/threonine-protein kinase; androgen receptor-interacting nuclearprotein 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
Pathway	Androgen Receptor Signaling Pathway
Function	ATP binding; nucleotidebinding; protein kinase activity; protein serine/threonine kinase activity; proteinserine/threonine kinase activity; transferase activity

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