

Active Recombinant Human HASPIN Protein, GST-tagged

Cat. No. HASPIN-4393H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GSG2 (NP_114171.2, 1 a.a. - 798 a.a.) full-length recombinant protein with GST tag expressed in baculovirus infected Sf21 cells.
Species	Human
Source	Insect Cells
Description	HASPIN (Histone H3 Associated Protein Kinase) is a Protein Coding gene.
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: Histone H3 peptide. ATP: 100 μM.
Molecular Mass	116 kDa
Purity	73 % 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

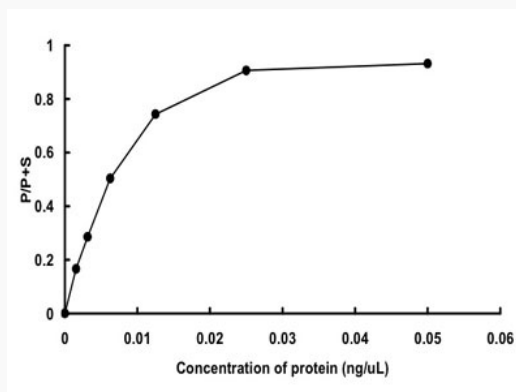
Gene Name	HASPIN histone H3 associated protein kinase [Homo sapiens (human)]
Official Symbol	HASPIN
Synonyms	GSG2; germ cell associated 2 (haspin); serine/threonine-protein kinase haspin; haspin; H-haspin; germ cell-specific gene 2 protein; haploid germ cell-specific nuclear protein kinase; HASPIN; HASPIN; histone H3 associated protein kinase
Gene ID	83903
mRNA Refseq	NM_031965
Protein Refseq	NP_114171
MIM	609240
UniProt ID	Q8TF76

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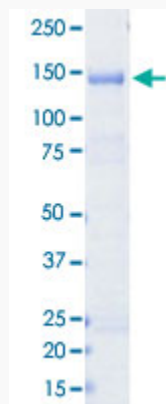
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Result of activity analysis



Quality Control Testing



Loading 1 μ g protein in SDS-PAGE

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