Active Recombinant Human NIM1K Protein, GST-tagged

Cat. No. NIM1K-5283H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MGC42105 (NP_699192.1, 1 a.a. - 436 a.a.) full-length recombinant protein with GST tag expressed in baculovirus infected Sf21 cells.
Species	Human
Source	Insect Cells
Description	NIM1K (NIM1 Serine/Threonine Protein Kinase) is a Protein Coding gene. GO annotations related to this gene include transferase activity, transferring phosphorus-containing groups and protein tyrosine kinase activity. An important paralog of this gene is MARK1.
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 MSA device. Substrate: CHK1tide. ATP: 100 μM.
Molecular Mass	76 kDa
Purity	71 % by SDS-PAGE/CBB staining

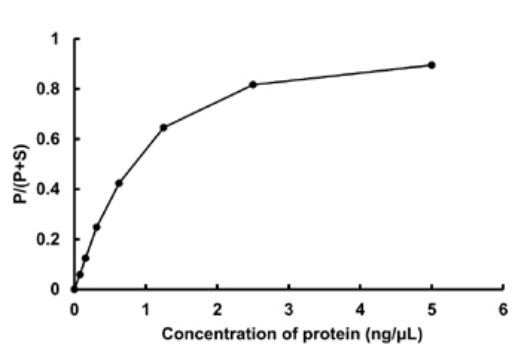
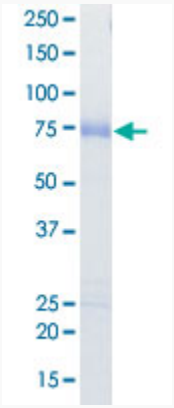
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	Functional Study SDS-PAGE
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.05% Brij35, 1 mM DTT, 10% glycerol)

GENE INFORMATION

Gene Name	NIM1K NIM1 serine/threonine protein kinase [Homo sapiens (human)]
Official Symbol	NIM1K
Synonyms	NIM1K; NIM1 serine/threonine protein kinase; NIM1; serine/threonine-protein kinase NIM1; EC 2.7.11.1
Gene ID	167359
mRNA Refseq	NM_153361
Protein Refseq	NP_699192
UniProt ID	Q8IY84

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Result of activity analysis	
Quality Control Testing:	 Loading 1 μg protein in SDS-PAGE

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA