p21 protein

CatalogNo: YD0075

Key Features

Reactivity
- Human

Storage

Storage*	-20°C/6 month,-80°C for long storage
Formulation	Liquid in PBS

Recommended Dilution Ratios

Basic Information

Source	E.coli
Purification	E.coli
Purity	SDS-PAGE >90%

Immunogen Information

Squence	Amino acid: 1-73, with his-MBP tag.

Target Information

Gene name	CDKN1A CAP20 CDKN1 CIP1 MDA6 PIC1 SDI1 WAF1

Protein Name p21 protein

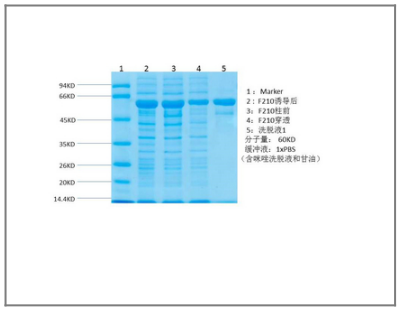
Organism	Gene ID	UniProt ID
Human	1026;	P38936;

Cellular Localization Cytoplasm . Nucleus .

Tissue specificity Expressed in all adult tissues, with 5-fold lower levels observed in the brain.

Function regulation of cyclin-dependent protein kinase activity, G1/S transition of mitotic cell cycle, G2/M transition of mitotic cell cycle, mitotic cell cycle, regulation of cell growth, positive regulation of immune system process, regulation of leukocyte activation, positive regulation of leukocyte activation, negative regulation of protein kinase activity, induction of apoptosis, response to DNA damage stimulus, cell cycle, cell cycle arrest, positive regulation of cell proliferation,negative regulation of cell proliferation, regulation of cell size, induction of apoptosis by intracellular signals, response to radiation, response to UV, response to light stimulus, response to abiotic stimulus, response to toxin, response to endogenous stimulus, response to hormone stimulus, response to extracellular stimulus, response to organic substance, response to inorganic substance, response to organic nitrogen, negative regulation of phosphorus metabolic process, regulation of cell death, positive regulation of cell death, induction of programmed cell death,response to organic cyclic substance, regulation of phosphate metabolic process, cell cycle process, cell cycle phase,negative regulation of cell growth, regulation of B cell proliferation, positive regulation of B cell proliferation,regeneration, organ regeneration, cellular response to extracellular stimulus, response to corticosteroid stimulus,regulation of cellular component size, regulation of mononuclear cell proliferation, positive regulation of mononuclear cell proliferation, cellular response to stress, negative regulation of kinase activity, regulation of growth, regulation of cell proliferation, regulation of phosphorylation, negative regulation of phosphorylation, response to drug, regulation of apoptosis, positive regulation of apoptosis, negative regulation of apoptosis, regulation of programmed cell death,positive regulation of programmed cell death, negative regulation of programmed cell death, negative regulation of catalytic activity, regulation of kinase activity, negative regulation of molecular function, negative regulation of cyclin-dependent protein kinase activity, regulation of anti-apoptosis, positive regulation of anti-apoptosis, negative regulation of cell cycle, negative regulation of cell size, regulation of protein kinase activity, negative regulation of growth, negative regulation of phosphate metabolic process, response to arsenic, regulation of fibroblast proliferation, positive regulation of fibroblast proliferation, response to steroid hormone stimulus, regulation of lymphocyte proliferation, positive regulation of lymphocyte proliferation, regulation of B cell activation, regulation of cell activation, positive regulation of cell activation, positive regulation of B cell activation, regulation of phosphorus metabolic process, regulation of lymphocyte activation, positive regulation of lymphocyte activation, interphase,interphase of mitotic cell cycle, regulation of transferase activity, negative regulation of transferase activity, response to glucocorticoid stimulus, response to mineralocorticoid stimulus, response to corticosterone stimulus, regulation of cell cycle, response to hyperoxia, negative regulation of cell death, response to oxygen levels, regulation of leukocyte proliferation, positive regulation of leukocyte proliferation,

Validation Data



Contact information

Orders:	order@immunoway.com
Support:	tech@immunoway.com
Telephone:	877-594-3616 (Toll Free), 408-747-0185
Website:	http://www.immunoway.com
Address:	2200 Ringwood Ave San Jose, CA 95131 USA

Please scan the QR code to access additional product information:
p21 protein