

Recombinant Human CDK5R2 Protein, GST-Tagged

Cat. No. CDK5R2-1024H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CDK5R2 full-length ORF (AAH41771.1, 1 a.a. - 367 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a neuron-specific activator of CDK5 kinase. It associates with CDK5 to form an active kinase. This protein and neuron-specific CDK5 activator CDK5R1/p39NCK5A both share limited similarity to cyclins, and thus may define a distinct family of cyclin-dependent kinase activating proteins. [provided by RefSeq, Jul 2008]
Molecular Mass	65.1 kDa
AA Sequence	MGTVLSLSPASSAKGRRPGGLPEEKKKAPPAGDEALGGYGAPPVGKGGKGESRLK RPSVLISALTWRRLVAASAKKKKGSKKVTPKPASTGPDPLVQQRNRENLLRKGRDP PDGGGTAKPLAVPVPTVPA AAAATCEPPSGGSAAAQPPGSGGGKPPPPPPAPQVA PPVPGGSPRRVIVQASTGELLRLCLGDFVCRRRCYRLKELSPGELVGWFRGVDRSLLL QGWQDQAFITPANLVFVYLLCRESLRGDELASAAELQAAFLTCLYLAYSIMGNEISY PLKPFLVEPDKERFWQRCLRLIQRLSPQMLRLNADPHFFTQVFQDLKNEGEAAASG GGPPSGGAPAASSAARDSCAAGTKHWTMNLDR
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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Antibody Production
Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name CDK5R2 cyclin-dependent kinase 5, regulatory subunit 2 (p39) [Homo sapiens]

Official Symbol CDK5R2

Synonyms CDK5R2; cyclin-dependent kinase 5, regulatory subunit 2 (p39); cyclin-dependent kinase 5 activator 2; NCK5AI; neuronal CDK5 activator isoform; P39; p39nck5ai; p39I; CDK5 activator 2; cyclin-dependent kinase 5 regulatory subunit 2; cyclin-dependent kinase 5 activator isoform p39i;

Gene ID 8941

mRNA Refseq NM_003936

Protein Refseq NP_003927

MIM 603764

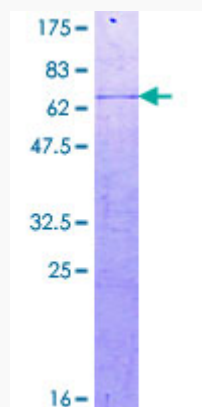
UniProt ID Q13319

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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