

Recombinant Human CDK5R2 cell lysate

Cat. No. CDK5R2-328HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

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;

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Gene ID	8941
mRNA Refseq	NM_003936
Protein Refseq	NP_003927
MIM	603764
UniProt ID	Q13319
Chromosome Location	2q35
Pathway	Lissencephaly gene (LIS1) in neuronal migration and development, organism-specific biosystem;
Function	cyclin-dependent protein kinase 5 activator activity; lipid binding;

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