

Recombinant Full Length Human CDK5R2 Protein, GST-tagged

Cat. No. CDK5R2-3126HF **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	In Vitro Cell Free System
ProteinLength	367 amino acids
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	MGTVLSPASSAKGRRPGGLPEEKKKAPPAGDEALGGYGAPPVGKGGKGESRLK RPSVLISALTWRRLVAASAKKKKGSKKVTPKPASTGPDPLVQQRNRENLLRKGRDP PDGGGTAKPLAVPVPTVPAAAATCEPPSGGSAAAQPPGSGGGKPPPPPPAPQVA PPVPGGSPRRVIVQASTGELLRLCLGDFVCRRCYRLKELSPGELVGWFRGVDRSLLL QGWQDQAFITPANLVFVYLLCRESLRGDELASAAELQAAFLTCLYLAYSIMGNEISY PLKPFLVEPDKERFWQRCLRLIQRLSPQMLRLNADPHFFTQVFQDLKNEGEAAASG GGPPSGGAPAASSAARDSCAAGTKHWTMNLDR

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) 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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