9051 Mira Mesa Blvd, #910094
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CDK5RAP3 Human

CDK5 Regulatory Subunit Associated Protein 3 Human Recombinant
RCP0373

Product Overview

Name	CDK5RAP3 Human

Description

CDK5 Regulatory Subunit Associated Protein 3 Human Recombinant

Accession (Primary)	Q96JB5

Synonyms

CDK5 Regulatory Subunit Associated Protein 3, LXXLL/Leucine-Zipper-Containing ARF-Binding Protein, LXXLL/Leucine-Zipper-Containing ARFbinding Protein, Ischemic Heart CDK5 Activator-Binding Protein C53, IC53, LZAP, CDK5 Regulatory Subunit Associated Protein IC53-2, CDK5 Regulatory Subunit-Associated Protein 3, CDK5 Activator-Binding Protein C53, Protein HSF-27, OK/SW-Cl.114, HSF-27, MST016, PP1553, C53, CDK5RAP3.

Introduction

CDK5 Regulatory Subunit Associated Protein 3 (CDK5RAP3) is a potential regulator of CDK5 activity via its interaction with CDK5R. Neuronal CDC2-like kinase, which is involved in the regulation of neuronal differentiation, is comprised of a catalytic subunit, CDK5, nad an activating subunit, p25NCK5A. CDK5RAP3 binds to p25NCK5A and hence may be involved in neuronal differentiation.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

CDK5RAP3 protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4), 20% glycerol and 1mM DTT.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MEDHQHVPID IQTSKLLDWL VDRRHCSLKW QSLVLTIREK INAAIQDMPE SEEIAQLLSG SYIHYFHCLR ILDLLKGTEA STKNIFGRYS SQRMKDWQEI IALYEKDNTY LVELSSLLVR

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NVNYEIPSLK KQIAKCQQLQ QEYSRKEEEC QAGAAEMREQ FYHSCKQYGI TGENVRGELL ALVKDLPSQL AEIGAAAQQS LGEAIDVYQA SVGFVCESPT EQVLPMLRFV QKRGNSTVYE WRTGTEPSVV ERPHLEELPE QVAEDAIDWG DFGVEAVSEG TDSGISAEAA GIDWGIFPES DSKDPGGDGI DWGDDAVALQ ITVLEAGTQA PEGVARGPDA LTLLEYTETR NQFLDELMEL EIFLAQRAVE LSEEADVLSV SQFQLAPAIL QGQTKEKMVT MVSVLEDLIG KLTSLQLQHL FMILASPRYV DRVTEFLQQK LKQSQLLALK KELMVQKQQE ALEEQAALEP KLDLLLEKTK ELQKLIEADI SKRYSGRPVN LMGTSL.

Precautions

CDK5RAP3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q96JB5)