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CEND1 Human

Cell Cycle Exit And Neuronal Differentiation 1 Human Recombinant
RCP0387

Product Overview

Name	CEND1 Human

Description

Cell Cycle Exit And Neuronal Differentiation 1 Human Recombinant

Accession (Primary)	Q8N111

Synonyms

Cell Cycle Exit And Neuronal Differentiation 1, BM88, BM88 Antigen, Cell Cycle Exit And Neuronal Differentiation Protein 1.

Introduction

Cell Cycle Exit And Neuronal Differentiation 1, also known as CEND1, is a neuron-specific protein. CEND1 take part in cell cycle control and neuronal differentiation mechanisms during neonatal SVZ neurogenesis and turn out to be crucial for the transition from neuroblasts to mature neurons when reaching high levels. The similar protein in pig enhances neuroblastoma cell differentiation in vitro and involved in neuronal differentiation in vivo. Multiple pseudogenes have been reported for this gene. The disease neuroblastoma has been associated with CEND1.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

CEND1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0) and 10% glycerol.

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). Please avoid freeze thaw cycles.

Purity

Greater than 85% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MESRGKS ASSPKPDTKV PQVTTEAKVP PAADGKAPLT KPSKKEAPAE KQQPPAAPTT APAKKTSAKA DPALLNNHSN LKPAPTVPSS PDATPEPKGP GDGAEEDEAA SGGPGGRGPW SCENFNPL

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Precautions

CEND1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q8N111)