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## Product Data Sheet

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Product Name: CEND1 Human  
 Cat. No.: GP23119  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Cell Cycle Exit And Neuronal Differentiation 1; BM88; BM88Antigen; Cell Cycle Exit And Neuronal Differentiation Protein 1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMESRGKS ASSPKPDTKV PQVTTEAKVP PAADGKAPLT KPSKKEAPEKQPPAAPT APAKKTSAKA DPALLNNHSN LKPAPTVPSS PDATPEPKGP GDGAEDEEAA SGGPGGRGPWSCENFNPL		
Formulation	CEND1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0) and 10% glycerol.		

### Introduction

CellCycle 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 neuroblast 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.

### 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.

### Background

CEND1 Human Recombinant produced in E. Coli is a single, non-glycosylated polypeptide chain containing 148 amino acids (1-125 a.a) and having a molecular mass of 15.0kDa (molecular size on SDS-PAGE will appear higher).

**Caution: Product has not been fully validated for medical applications. For research use only.**

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