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32-3502: CEND1 Recombinant Protein

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

Description

Source : Escherichia Coli. 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).CEND1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	20 µg
Purification :	"Greater than 85% as determined by SDS-PAGE."
Content :	CEND1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0) and 10% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMESRGKS ASSPKPDTKV PQVTTEAKVP PAADGKAPLT KPSKKEAPAEKQQPPAAPTT APAKKTSAKA DPALLNNHSN LKPAPTVPSS PDATPEPKGP GDGAEEDEAA SGGPGGRGPWSCENFNPL