

Recombinant human CEND1, His-tagged

Cat. No. CEND1-2494H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CEND1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Species	Human
Source	E.coli
Description	CEND1, as known as BM88, is a neuron-specific protein. It participates in cell cycle control and neuronal differentiation mechanisms during neonatal SVZ neurogenesis and becomes 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 may be involved in neuronal differentiation in vivo.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol
Molecular Mass	15.0kDa (148aa) confirmed by MALDI-TOF (molecular size on SDS-PAGE will appear higher)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMESRGKS ASSPKPDTKV PQVTTEAKVP PAADGKAPLT KPSKKEAPAE KQPPPAPTT APAKKTSADKADPALLNNHSN LKPAPTVPSS PDATPEPKGP GDGAEDEEAA SGGPGGRGPW SCENFNPL
Purity	>85% by SDS - PAGE
Applications	SDS-PAGE

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Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
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Concentration	1 mg/ml (determined by BCA assay)
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GENE INFORMATION

Gene Name	CEND1?cell cycle exit and neuronal differentiation 1 [?Homo sapiens?(human)]
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Official Symbol	CEND1
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Synonyms	CEND1; BM88; cell cycle exit and neuronal differentiation 1; cell cycle exit and neuronal differentiation protein 1; BM88 antigen
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Gene ID	51286
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mRNA Refseq	NM_016564
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Protein Refseq	NP_057648
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MIM	608213
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UniProt ID	Q8N111
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Chromosome Location	11p15.5
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