

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 KPSKKEAPE KQPPAAPTT APAKKTSAKADPALLNNHSN LKPAPTVPSS PDATPEPKGP GDGAEDEEA 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.

Concentration 1 mg/ml (determined by BCA assay)

GENE INFORMATION

Gene Name CEND1?cell cycle exit and neuronal differentiation 1 [?Homo sapiens?(human)]

Official Symbol CEND1

Synonyms CEND1; BM88; cell cycle exit and neuronal differentiation 1; cell cycle exit and neuronal differentiation protein 1; BM88 antigen

Gene ID [51286](#)

mRNA Refseq [NM_016564](#)

Protein Refseq [NP_057648](#)

MIM [608213](#)

UniProt ID [Q8N111](#)

Chromosome Location 11p15.5

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