

Recombinant Human CENPL, His-tagged

Cat. No. CENPL-11098H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human CENPL protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.

Species Human

Source E.coli

ProteinLength 1-364a.a.

Description This gene encodes a type II classical cadherin from the cadherin superfamily, integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Mature cadherin proteins are composed of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small, highly conserved C-terminal cytoplasmic domain. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. Expression of this particular cadherin in osteoblastic cell lines, and its upregulation during differentiation, suggests a specific function in bone development and maintenance.

Storage The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

Storage Buffer 1M PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

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Gene Name	CENPL centromere protein L [Homo sapiens]
Official Symbol	CENPL
Synonyms	CENP-L; C1orf155; dJ383J4.3; RP3-383J4.1; centromere protein L; interphase centromere complex protein 33; chromosome 1 open reading frame 155; dJ383J4.3; Interphase centromere complex protein 3
Gene ID	91687
mRNA Refseq	NM_033319.3
Protein Refseq	NP_201576.1
MIM	611503
UniProt ID	Q8N0S6
Chromosome Location	1q25.1
Function	Cell Cycle,organism-specific biosystem;Cell Cycle,Mitotic,organism-specific biosystem;DNA Replication,organism-specific biosystem;M Phase,organism-specific biosystem;Mitotic M-M/G1 phases,organism-specific biosystem;Mitotic Prometaphase,organism-specific

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