Recombinant Human CEP110, His-tagged

Cat. No. CEP110-11106H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CEP110 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-331a.a.
Description	This gene is a type II classical cadherin from the cadherin superfamily and one of three cadherin 7-like genes located in a cluster on chromosome 18. The encoded membrane protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. Since disturbance of intracellular adhesion is a prerequisite for invasion and metastasis of tumor cells, cadherins are considered prime candidates for tumor suppressor genes.
Storage	The protein is stored in PBS buffer at -20℃. 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	CNTRL
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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