

Recombinant Human CDY2B Protein, His-tagged

Cat. No. CDY2B-3165H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDY2B protein, fused to His-tagged at N-terminus, was expressed in E. coli.
Species	Human
Source	E.coli
Description	This intronless gene encodes a protein containing a chromodomain and a histone acetyltransferase catalytic domain. Chromodomain proteins are components of heterochromatin-like complexes and can act as gene repressors. This protein is localized to the nucleus of late spermatids where histone hyperacetylation takes place. Histone hyperacetylation is thought to facilitate the transition in which protamines replace histones as the major DNA-packaging protein. Two nearly identical copies of this gene are found in a palindromic region on chromosome Y; this record represents the centromeric copy. Chromosome Y also contains a pair of closely related genes in another more telomeric palindrome as well as several related pseudogenes.
Form	50 mM Tris, 8 M Urea, pH 8.0.
Molecular Mass	60.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	CDY2B chromodomain Y-linked 2B [Homo sapiens]
Official Symbol	CDY2B
Synonyms	CDY; CDY
Gene ID	203611
mRNA Refseq	NM_001001722.1
Protein Refseq	NP_001001722

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