

Recombinant Human CDY2A Protein, GST-Tagged

Cat. No. CDY2A-1085H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CDY2 partial ORF (NP_004816, 123 a.a. - 214 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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 telomeric copy. Chromosome Y also contains a pair of closely related genes in another more telomeric palindrome as well as several related pseudogenes. [provided by RefSeq, Jul 2008]
Molecular Mass	35.86 kDa
AA Sequence	ASTLSDTKNMEIINSTIETLAPDSPFDHKKTVSGFQKLEKLDPIAADQQDTVVFKVTEG KLLRDPLSHPGAEQTGIQNKTQMHPLMSQMSG
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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Antibody Production
Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name CDY2A chromodomain protein, Y-linked, 2A [Homo sapiens]

Official Symbol CDY2A

Synonyms CDY2A; chromodomain protein, Y-linked, 2A; CDY2, chromodomain protein, Y chromosome, 2, chromodomain protein, Y linked, 2; testis-specific chromodomain protein Y 2; Y chromosome chromodomain protein 2A; chromodomain protein, Y chromosome, 2; testis-specific chromodomain protein Y protein 2; CDY; CDY2; CDY2B;

Gene ID 9426

mRNA Refseq NM_004825

Protein Refseq NP_004816

MIM 400018

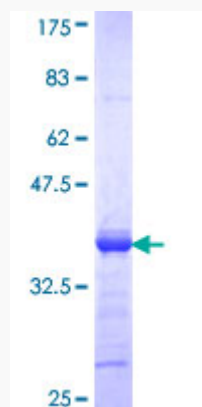
UniProt ID Q9Y6F7

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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