

Recombinant Full Length Human CDYL Protein, GST-tagged

Cat. No. CDYL-3266HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CDYL full-length ORF (NP_736608.1, 1 a.a. - 309 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	309 amino acids
Description	Chromodomain Y is a primate-specific Y-chromosomal gene family expressed exclusively in the testis and implicated in infertility. Although the Y-linked genes are testis-specific, this autosomal gene is ubiquitously expressed. The Y-linked genes arose by retrotransposition of an mRNA from this gene, followed by amplification of the retroposed gene. Proteins encoded by this gene superfamily possess a chromodomain, a motif implicated in chromatin binding and gene suppression, and a catalytic domain believed to be involved in histone acetylation. Multiple proteins are encoded by transcript variants of this gene. [provided by RefSeq, Jul 2008]
Molecular Mass	61 kDa
AA Sequence	MDALTANGTTNIQTSVTGVTASKRKFIIDRRDQPFDKRLRFSVRQTESAYRYRDIVV RKQDGFTHILLSTKSSENNSLNPEVMREVQSALSTAAADDSKLVLLSAVGSVFCCGL DFIYFIRRLTDDRKRESTKMAEAI RN FVNTFIQFKKPIIVAVNGPAIGLGASILPLCDVV WANEKAWFQTPYTTFGQSPDGCSTVMFPKIMGGASANEMLLSGRKLTAQEACGKG LVSQVFWPGTFTQEVMVRIKELASCNPVVLEESKALVRCNMKMELEQANERECEVL

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KKIWGSAQGMDSMLKYLQRKIDEF

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
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

CDYL chromodomain protein, Y-like [Homo sapiens]

Official Symbol

CDYL

Synonyms

CDYL; chromodomain protein, Y-like; chromodomain protein, Y chromosome like; chromodomain Y-like protein; CDY like; autosomal; CDYL1; DKFZP586C1622; testis specific chromodomain Y like protein; CDY-like, autosomal; testis-specific chromodomain Y-like protein; MGC131936; DKFZp586C1622;

Gene ID

9425

mRNA Refseq

NM_001143970

Protein Refseq

NP_001137442

MIM

603778

UniProt ID

Q9Y232

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