

Recombinant Human CDYL Protein, GST-Tagged

Cat. No. CDYL-1087H **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	Wheat Germ
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	MDALTANGTTNIQTSVTGVTASKRKFIDRRDQPFDKRLRFSVRQTESAYRYRDIV RKQDGFTHILLSTKSSENNSLNPEVMREVQSALSTAAADDSKLVLLSAVGSVFCCGL DFIYFIRRLTDDRKRESTKMAEAI RNFNFTFIQFKKPIIVAVNGPAIGLGASILPLCDVV WANEKAWFQTPYTTFGQSPDGCSTVMFPKIMGGASANEMLLSGRKLTAQEACGKG LVSQVFWPGTFTQEVMVRIKELASCNPVLEESKALVRCNMKMELEQANERECEVL KKIWGSAQGMDSMLKYLQRKIDEF

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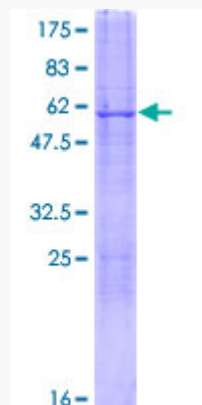
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
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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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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