

Recombinant Human CDYL Protein, MYC/DDK-tagged

Cat. No. CDYL-3166H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDYL protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	34.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	CDYL chromodomain protein, Y-like [Homo sapiens]
Official Symbol	CDYL
Synonyms	CDYL1, MGC131936, DKFZp586C1622
Gene ID	9425
mRNA Refseq	NM_001143970
Protein Refseq	NP_001137442
MIM	603778
UniProt ID	Q9Y232

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