



# Recombinant Human Chromodomain Y-like protein (CDYL)

<b>Product Code</b>	CSB-BP896685HU
<b>Abbreviation</b>	CDYL
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9Y232
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MTFQASHRSA WGKSRKKNWQ YEGPTQKLFL KRNNVSAPDG PSDPSISVSS EQSGAQPPA LQVERIVDKR KNKKGKTEYL VRWKGYSSED DTWEPEQHLV NCEEYIHDFN RRHTEKQKES TLTRTNRTP NNARKQISRS TSNFSKTSP KALVIGKDHE SKNSQLFAAS QKFRKNTAPS LSSRKNMDLA KSGIKILVPK SPVKSRTAVD GFQSESPEKL DPVEQQQEDT VAPEVAAEKP VGALLGPGAE RARMGSRPRI HPLVPQVPGP VTAAMATGLA VNGKGTSPFM DALANGTTN IQTSVTGUTA SKRKFIDRR DQPFDKRLRF SVRQTESAYR YRDIVVRKQD GFTHILLSTK SSENNSLNPE VMREVQSALS TAAADDSKLV LLSAVGSVFC CGLDFIYFIR RLTDNRKRES TKMAEAIKRN VNTFIQFKKP IIVAVNGPAI GLGASILPLC DVVWANAKAW FQTPYTTFGQ SPDGCSTVMF PKIMGGASAN EMLLSGRKLTAQEACGKGLV SQVFWPGTFT QEVMVRIKEL ASCNPVVLEE SKALVRCNMK MELEQANERE CEVLKKIWGS AQGMDSMLKY LQRKIDEF
<b>Source</b>	Baculovirus
<b>Target Names</b>	CDYL
<b>Protein Names</b>	Recommended name: Chromodomain Y-like protein Short name= CDY-like EC= 2.3.1.48
<b>Expression Region</b>	1-598
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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