



Recombinant Human Chromodomain Y-like protein (CDYL)

Product Code	CSB-EP896685HU
Abbreviation	CDYL
Storage	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.
Uniprot No.	Q9Y232
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MTFQASHRSA WGKSRKKNWQ YEGPTQKLFL KRNNVSAPDG PSDPSISVSS EQSGAQPPA LQVERIVDKR KNKKGKTEYL VRWKGYSSED DTWEPEQHLV NCEEYIHDFN RRHTEKQKES TLTRTNTSP NNARKQISRS TSNFSKTSP KALVIGKDHE SKNSQLFAAS QKFRKNTAPS LSSRKNMDLA KSGIKILVPK SPVKSRTAVD GFQSESPEKL DPVEQQQEDT VAPEVAAEKP VGALLGPGAE RARMGSRPRI HPLVPQVPGP VTAAMATGLA VNGKGTSPFM DALTANGTTN IQTSVTGVTA 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
Source	E.coli
Target Names	CDYL
Protein Names	Recommended name: Chromodomain Y-like protein Short name= CDY-like EC= 2.3.1.48
Expression Region	1-598
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.

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.

Shelf Life

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.