

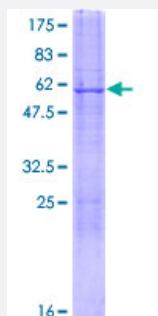
Full-Length

CDYL (Human) Recombinant Protein (P01)

Catalog # H00009425-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CDYL full-length ORF (NP_736608.1, 1 a.a. - 309 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDALTANGTTNIQTSVTGVTASKRKFIIDRRDQPFDKRLRFSVRQTESAYRYRDIVVRKQDGFTHIL
LSTKSSENNLSNPEVMREVQSALSTAAADDSKLVLLSAVGSVFCCGLDFYFIRRLTDDRKREST
KMAEAI RN FVNTFIQFKKPIIVAVNGPAIGLGASILPLCDVVWANEKAWFQTPYTTFGQSPDGCSTV
MFPKIMGGASANEMLLSGRKLTAQEACGKGLVSQVFWPGTFTQEVMVRIKELASCNPVVLEESK
ALVRCNMKMELEQANERECEVLKKIWGSAQGMDSMLKYLQRKIDEF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

61

Interspecies Antigen Sequence

Mouse (97); Rat (97)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CDYL

Entrez GeneID[9425](#)**GeneBank Accession#**[NM_170752.1](#)**Protein Accession#**[NP_736608.1](#)**Gene Name**

CDYL

Gene Alias

CDYL1, DKFZp586C1622, MGC131936

Gene Description

chromodomain protein, Y-like

Omim ID[603778](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]

Other Designations

CDY-like, autosomal|OTTHUMP00000015984|bA620A17.2 (chromodomain protein, Y chromosome-like)|chromodomain protein, Y chromosome-like|chromodomain protein, Y chromosome-like, isoform b|testis-specific chromodomain Y-like protein

Disease

- [Genetic Predisposition to Disease](#)
- [Thyroid Neoplasms](#)