

Product datasheet for PH317438

CDYL (NM_170752) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CDYL MS Standard C13 and N15-labeled recombinant protein (NP_736608)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217438
Predicted MW:	34.4 kDa
Protein Sequence:	>RC217438 representing NM_170752 Red=Cloning site Green=Tags(s) MDALTANGTTNIQTSVTGVTASKRKFIDRRDQPFDKRLRFSVRQTESAYRYRDIIVVRKQDGFTHILLST KSENNSLNPEVMREVQSALSTAAADDSKLVLLSAVGSVFCCGLDFIYFIRRLTDDRKRETKMAEAI RN FVNTFIQFKKPIIVAVNGPAIGLGASILPLCDVVWANEKAWFQTPYTTFGQSPDGCSTVMFPKIMGGASA NEMLLSGRKLTAQEACGKGLVSQVFWPGTFTQEVVRIKELASCNPVVLEESKALVRCNMKMELEQANER ECEVLKKIWGSAQGTDSMLKYMQRKIDEF TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_736608
RefSeq Size:	2805
RefSeq ORF:	927
Synonyms:	CDYL1, MGC131936, DKFZp586C1622
Locus ID:	9425



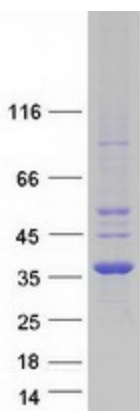
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UniProt ID: [Q9Y232](#)

Cytogenetics: 6p25.1

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, Jul 2008]

Product images:



Coomassie blue staining of purified CDYL protein (Cat# [TP317438]). The protein was produced from HEK293T cells transfected with CDYL cDNA clone (Cat# [RC217438]) using MegaTran 2.0 (Cat# [TT210002]).