

Product datasheet for PH306105

CDC2L6 (CDK19) (NM_015076) Human Mass Spec Standard

Product data:

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|---------------------------------------|---|
| Product Type: | Mass Spec Standards |
| Description: | CDK19 MS Standard C13 and N15-labeled recombinant protein (NP_055891) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC206105 |
| Predicted MW: | 56.8 kDa |
| Protein Sequence: | >RC206105 protein sequence Red=Cloning site Green=Tags(s) |

MDYDFKAKLAAERERVELFEYEGCKVGRGTYGHVYKARRKDGKDEKEYALKQIEGTGISMSACREIALL
RELKHPNVIALQKVFLSHDRKVVLLFDYAEHDLWHIIKFRASKANKKPMQLPRSMVKSLLYQILDGIIH
YLHANWVLRDLKPANILVMGEGPERGRVKIADMGFARLFNSPLKPLADLDPVVVTFWYRAPELLLGARH
YTKAIDIWAIGCIFAELLTSEPIFHCRQEDIKTSNPFHHDQLDRIFSVMGFPADKDWEDIRKMPEYPTLQ
KDFRRTTYANSSLIKYMEKHKVKPDSKVFLLQKLLTMDPTKRITSEQALQDPYFQEDPLPTLDVFGCQ
IPYPKREFLNEDDPEEKGDKNQQQNHQOPTAPPQQAAPPQAPPQONSTQNTAGGAGAVGGTG
AGLQHSQDSSLNQVPPNKKPRLGPGSANGGPMPSDYQHSSRLNYQSSVQSSSQSTLGYSSSSQQS
SQYHPSHQAHRY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|------------------|--|
| 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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: | <u>NP_055891</u> |
| RefSeq Size: | 6246 |
| RefSeq ORF: | 1506 |



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Synonyms: bA346C16.3; CDC2L6; CDK11; DEE87; EIEE87

Locus ID: 23097

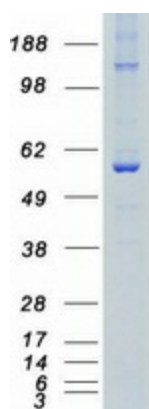
UniProt ID: [Q9BWU1](#)

Cytogenetics: 6q21

Summary: This gene encodes a protein that is one of the components of the Mediator co-activator complex. The Mediator complex is a multi-protein complex required for transcriptional activation by DNA binding transcription factors of genes transcribed by RNA polymerase II. The protein encoded by this gene is similar to cyclin-dependent kinase 8 which can also be a component of the Mediator complex. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2014]

Protein Families: Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified CDK19 protein (Cat# [TP306105]). The protein was produced from HEK293T cells transfected with CDK19 cDNA clone (Cat# [RC206105]) using MegaTran 2.0 (Cat# [TT210002]).