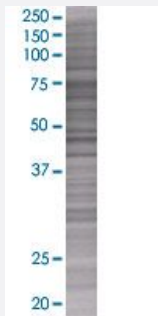


COIL 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00008161-T01

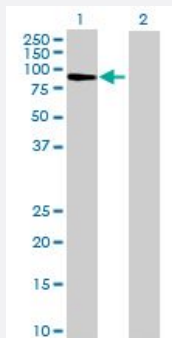
Size 100 uL

Applications



SDS-PAGE Gel

COIL transfected lysate.



Western Blot

Lane 1: COIL transfected lysate (63.47 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-COIL full-length
Host	Human
Theoretical MW (kDa)	63.47
Interspecies Antigen Sequence	Mouse (67)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-COIL antibody ([H00008161-B01](#)) by Western Blots.
SDS-PAGE Gel
COIL transfected lysate.
Western Blot
Lane 1: COIL transfected lysate (63.47 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

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

Applications

- Western Blot

Gene Info — COIL

Entrez GeneID[8161](#)**GeneBank Accession#**[NM_004645](#)**Protein Accession#**[NP_004636](#)**Gene Name**

COIL

Gene Alias

CLN80, p80-coilin

Gene Description

coilin

Omim ID[600272](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is an integral component of Cajal bodies (also called coiled bodies). Cajal bodies are nuclear suborganelles of varying number and composition that are involved in the post-transcriptional modification of small nuclear and small nucleolar RNAs. The N-terminus of the coilin protein directs its self-oligomerization while the C-terminus influences the number of nuclear bodies assembled per cell. Differential methylation and phosphorylation of coilin likely influences its localization among nuclear bodies and the composition and assembly of Cajal bodies. This gene has pseudogenes on chromosome 4 and chromosome 14. [provided by RefSeq]

Other Designations

coilin p80

Disease

- [Diabetes Mellitus](#)