

Product datasheet for **TP313560L**

Cordon bleu homolog (COBL) (NM_015198) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human cordon-bleu homolog (mouse) (COBL), 1 mg
Species:	Human
Expression Host:	HEK293T



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Expression cDNA Clone or AA Sequence: >RC213560 representing NM_015198
Red=Cloning site **Green**=Tags(s)

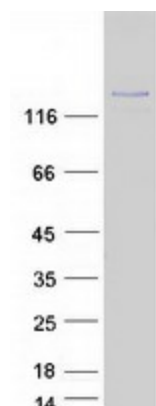
MDAPRASAAKPPTGRKMKARAPPPPGKAATLHVHSDQKPPHDGALGSQQNLVLMKEALRASTMDVTV
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EKVKPGPPKVPEKSVRLVNYLRTQKAVVRVSPEVPLQNILPVICAKCEVSPEHVLLRDNIAGEEELS
KSLNELGIKELYAWDNRRRETFRKSSLGNDETDKEKKKFLGFFKVNKRNSKGLCTTPNSPSMHSRSLTLG
PSLSLGSISGVSVKSEMKKRRAPPPPGSGPPVQDKASEKVSLSGQIDLQKKRRAPAPPPPPQPPPSPLI
PNRTEDKEENRKSTMVSLPLGSGSHCSPDGAPQVLEAEETVSVGSCFASDTEEDSGVMSSPSDIVSLD
SQQDSMKYKDKWATDQEDCSDQDLAGTPDLGPQKSPLWEKNGSENSHLRTEKAVTASNDEEDLLIAGEF
R
KTLAELDEDLEEMEDSYETDTSSTSSIHGASNHCPCDAMIPHGDTPDAIPVTFIGEVSDDPVDSSGLFSNR
NNNAGSFDSEGVASRRDSLAPLQAEHSQPHEKAREEVPALHPASHDVGKGIRVALSNISKDGNLMETAPR
VTSFASNLHTDNLNAKVKDKVYGACDAGERTQATERVNSQPVNEKDSNDKNAALAPTSWHQRGQNPNGKS
YR
LKHGLTTYKIIPPKSEMRCYDRDVSLSLSTGAIKIDELGNLVSPHATGIRIISLSSSVPEAESQPIGKVREF
WRCNSVEKHLGRPSESSARGPPSTPVPTQTQNPESRLQADPKPISPQQSAHHEGRNPLGEGRNQPPT
MG
MGHVRVPAAHTEVTFLKPQRRSTSSQYVASIAKRIGAPKVHADVVRPHGYAEKGYAGKAPVLAAPPVTV
KDDRTSSPHSETQGWKDGAQWPCVTPPNNHGEDLAVGAPPRGEVIGPHRKLSTQDRPAAIHRSSCSFLV
Q
SSQRDRVSVGQSCGFSGKQSTSSQEASSASEPRRAPDGTDP PPPHTSDTQACSRELVNGSVRAPGHGEP
HPPGGSGTESHILLEREEKPSVFSTDGNETDSIWPPSIFGPKKKFKPVVQRPVKDTSLSHSALMEAIHSA
GGKDRLRKTAETGEGRPALKSYTEAEGERSALLAIRGHSGTCSLRKVASSASEELQSFRDAALSAQGS
ESPLLEDLGLLSPPAIPPPPPPSQALSAPRTASRFSTGTLSTADARQALMDAIRSGTGAARLRKVPL
V

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 135.4 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C.

Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_056013</u>
Locus ID:	23242
UniProt ID:	<u>O75128</u>
RefSeq Size:	5289
Cytogenetics:	7p12.1
RefSeq ORF:	3783
Summary:	This gene encodes a protein that contains WH2 domains (WASP, Wiskott-Aldrich syndrome protein, homology domain-2) that interact with actin. The encoded actin regulator protein is required for growth and assembly of brush border microvilli that play a role in maintaining intestinal homeostasis. A similar protein in mouse functions in midbrain neural tube closure. A pseudogene of this gene is located on chromosome X. [provided by RefSeq, Oct 2016]

Product images:



Coomassie blue staining of purified COBL protein (Cat# [TP313560]). The protein was produced from HEK293T cells transfected with COBL cDNA clone (Cat# [RC213560]) using MegaTran 2.0 (Cat# [TT210002]).