

Product datasheet for **TP313560**

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

Product data:

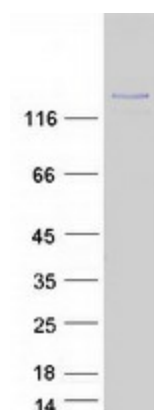
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human cordon-bleu homolog (mouse) (COBL), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC213560 representing NM_015198
Clone or AA	Red=Cloning site Green=Tags(s)
Sequence:	MDAPRASAAPPTGRKMKARAPPPPGKAATLHVHSDQKPPHDGALGSQQNLVRMKEALRASTMDVTVVLP SGLEKRSVLNGSHAMMDLLVELCLQNHLNPSHHALEIRSETQQPLSFKPNTLIGTLNVHTVFLKEKVP EKVKPGPPKVPEKSVRLVVNYLRTQKAVVRVSPEVPLQNILPVICAKCEVSPEHVLLRDNIAGEEELS KSLNELGIKELYAWDNRRRETFRKSSLGNDDETKEKKKFLGFFKVNKRNSKGLCTTPNSPSMHSRSLTLG PSLSLGSISGVSVKSEMKKRRAPPPPGSGPPVQDKASEKVSLSQIDLQKKRRAPAPPPPPPPPSPLI PNRTEDKEENRKSTMVSLPLGSGSHCSPDGAPQVLSEAETVSVGSCFASDTEEDSGVMSSPSDIVSLD SQQDSMKYKDKWATDQEDCSDQDLAGTDLGPQKSPLEWKNSENHSLRTEKAVTASNDEEDLLIAGEFR KTALAEDEDEEMEDSYETDTSSLTSSIHGASNHCQDAMIPHGDTDAIPVTFIGEVSDDPVDSSGLFSNR NNNAGSFDSEGVASRRDSLAPLQAEHSQPHEKAREEVPALHPASHDVGKIRVALSNISKDGNLMEAPR VTSFASNLTDLNNAKVKDKVYGCADGERTQATERVNSQPVNEKDSNDKNAALAPTSWHQRGQNPQKSYR LKHGLTTYKIIPPKSEMRCYDRDVSLSLSTGAIKIDELGNLVSPHATGIRIISLSSVPEAESQPIGKREF WRCNSVEKHLGRPSESSARGPPSTPVPTQTQNPESRLQADPKPISPQKSAHHEGRNPLGEGRNQPPTMG MGHVRVPAAHTEVTFLLKQRRRTSSQYVASIAKRIKAPKVHADVVRPHGYAEKGYAGKAPVLAAPPVTV KDDRTSSPHSETQGWKDGAQWPCVTPPNNHGEDLAVGAPPRGEVIGPHRKLSTQDRPAIHRSSCFSLVQ SSQRDRVSVGQSCGFSGKQSTSSQEASSASEPRRAPDGTDP PPPHTSDTQACSRELVNGSVRAPGHGEP HPPGGSGTESHILLEREKPSVFSTDGNETDSIWPPSIFGPKKKFKPVVQRPVKDTSLSALMEAIHSA GGKDRLRKTAHTGEGRPALSYTEAEGERSALLAAIRGHSGTCSLRKVASSASEELQSFRDAALSAQGS ESPLLEDLGLLSPPAIPPPPPPPSQALSAPRTASRFSTGTLSTADARQALMDAIRSGTGAARLRKVPL V SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	135.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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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]).