

Product datasheet for **TP313560M**

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), 100 µg
Species:	Human
Expression Host:	HEK293T



[View online »](#)

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

MDAPRASAAKPPTGRKMKARAPPPPGKAATLHVHSDQKPPHDGALGSQQNLVLMKEALRASTMDVT
 VLP
 SGLEKRSVLNGSHAMMDLLVELCLQNLNPSHHALEIRSETQQPLSFKPNTLIGTLNVHTVFLKEKVPE
 EKVKGPPKVPKSVRLVNYLRTQKAVRVSPVPLQNLIPVICAKEVSPHVVLLRDNIAGEEELS
 KSLNELGIKELYAWDNRRRETFRKSSLGNDDETDEKKEKFLGFFKVNKRNSKGLTTPNSPSMHSRSLTLG
 PSLSLGSISGVSVKSEMKKRRAPPPPGSGPPVQDKASEKVSLSGQIDLQKKRRAPAPPPPPQPPPSPLI
 PNRTEDKEENRKSTMVSLPLGSGSHCSPDGAPQVLEAEETVSVGSCFASDTEGSGVMSSPSDIVSLD
 SQQDSMKYKDKWATDQEDCSDQDLAGTPDLGPQKSPLWEKNGSENSHLRTEKAVTASNDEEDLLIAGEF
 R
 KTLAELDEDLEEMEDSYETDTSSTSSIHGASNHCPQDAMIPHGDTDAIPVTFIGEVSDDPVDSSGLFSNR
 NNNAGSFDSEGVASRRDSLAPLQAEHSQPHEKAREEVPALHPASHDVGKGIRVALSNISKDGNLMEAPR
 VTSFASNLHTDNLNAKVKDKVYGACDGERTQATERVNSQPVNEKDSNDKNAALAPTSWHQRGQNPNGKS
 YR
 LKHGLTTYKIIPPKSEMRCYDRDVSLSLSTGAIKIDELGNLVSPHATGIRIISLSSSVPEAESQPIGKVREF
 WRCNSVEKHLGRPSESSARGPPSTPVPTQTQNPESRLQADPKPISPQQSAHHEGRNPLGEGRNQPPT
 MG
 MGHVRVPAAHTEVTFLKPQRRSTSSQYVASIAKRIGAPKVHADVVRPHGYAEKGYAGKAPVLAAPPVTV
 KDDRTSSPHSETQGWKDGAQWPCVTPPNNHGEDLAVGAPPRGEVIGPHRKLSTQDRPAAIHRSSCSFLV
 Q
 SSQRDRVSVGQSCGFSGKQSTSSQEASSASEPRRAPDGTDP PPPHTSDTQACSRELVNGSVRAPGHGEP
 HPPGGSGTESHILLEREEKPSVFSTDGNETDSIWPPSIFGPKKKFKPVVQRPVKDTSLSHSALMEAIHSA
 GGDRLRKTAETGEGRPALKSYTEAEGERSALLAIRGHSGTCSLRKVASSASEELQSFRDAALSAQGS
 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

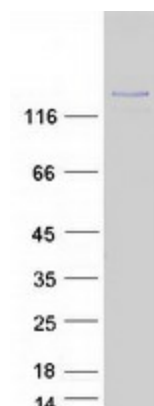
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

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]).