

Recombinant Human COBL Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. COBL-2564H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	COBL MS Standard C13 and N15-labeled recombinant protein (NP_056013) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	135.4 kDa
AA Sequence	MDAPRASAAPPTGRKMKARAPPPPGKAATLHVHSDQKPPHDGALGSQQNLVRM KEALRASTMDVTVVLPSPGLEKRSVLNGSHAMMDLLVELCLQNHNLNPSHHALEIRSSE TQQPLSFKPNTLIGTLNVHTVFLKEKVPEEKVKPGPPKVPEKSVRLVVNYLRTQKAV VRVSPEVPLQNILPVICAKCEVSPEHVLLRDNIAGEEELELSKSLNELGIKELYAWDN RRETFRKSSLGNDETDKEKKKFLGFFKVNKRSNSKGCLTTPNSPSMHSRSLTLGPS LSLGSISGVSVKSEMKKRRAPPPPGSGPPVQDKASEKVSLGSQIDLQKKKRRAPAP PPPQPPPPSPLIPNRTEDKEENRKSTMVSLPLGSGSHCSPDGAPQVLSEAEETVSV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GSCFASEDTTEDSGVMSSPSDIVSLDSQQDSMKYKDKWATDQEDCSDQDLAGTPD
 LGPQKSPLWEKNGSENSHLRTEKAVTASNDEEDLLIAGEFRKTLAELDEDLEEMEDS
 YETDTSSLTSSIHGASNHCPCQDAMIPHGD TDAIPVTFIGEVSDDPVDSGLFSNRNNN
 AGSFDSEGVASRRDSLAPLQAEHSQPHEKAREEVPALHPASHDVGKGIRVALSNIS
 KDGNLMETAPRVTSFASNLHTDNLNAKVKDKVYGCADGERTQATERVNSQPVNEK
 DSNDKNAALAPTSWHQRGQNP GKS YRLKHGLTTYKIIPPKSEMRCYDRDVSLSGTGA
 IKIDELGNLVSPHATGIRIISLSSSVPEAESQPIGKVREFWRCNSVEKHLGRPSESSAR
 GPPSTPVPTQTQNPE SRLQADPKPISPQQKSAHHEGRNPLGEGRNQPPTMGMGH
 VRVPAAH TTEVTFLKPQRRTSSQYVASAIK RIGAPKVHADVVVRPHGYAEKGYAGKA
 PVLAAPPVTVKDDRTSSPHSETQGWKDGAQWPCVTPPNNHGEDLAVGAPPRGEVI
 GPHRKLSTQDRPAAIHRSSCFSLVQSSQRDRVSVGQSCGFSGKQSTSSQEASSAS
 EPRRAPDGTDP PPPHTSDTQACSRELVNGSVRAPGHGEP SHPPGGSGTESHILLE
 REEKPSVFSTDGNETDSIWPPSIFGPKKKFKPVVQRPV PKDTSLHSALMEAIHSAGG
 KDRLRKTA EHTGEGRPAKLSYTEAEGER SALLAAIRGHSGTCSLRKVASSASEELQS
 FRDAALSAQGS ESPLLEDLGLLSPPAIPPPPPPPSQALSAPRTASRFSTGTLSNTADA
 RQALMDAIRSGTGAARLRKVLLVSGPTRTRRLEQKLISEEDLAANDILDYKDDDDK
 V

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	COBL cordon-bleu WH2 repeat protein [Homo sapiens (human)]
Official Symbol	COBL
Synonyms	COBL; cordon-bleu homolog (mouse); protein cordon-bleu; KIAA0633; MGC131893; DKFZp686G13227;
Gene ID	23242
mRNA Refseq	NM_015198
Protein Refseq	NP_056013
MIM	610317
UniProt ID	O75128
SDS-PAGE	