

## Product datasheet for TP502903

### Dcun1d5 (NM\_029775) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse DCN1, defective in cullin neddylation 1, domain containing 5 ( <i>S. cerevisiae</i> ) (Dcun1d5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202903 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MPVKKKRKAPGVAAVAEDAGLKKCKIPSYCRSQPPARLISGEEDFSRKKCLAWFYEYAGPDEVVGPEGM EKFCEDIGVEPENIIMLVLAWKLEAESMGFFTKEEWLKGMTSLQCDCTEKLQSRFDLRSQLNDISSFKN IYRYAFDFARDKDKQRSLDIDTAKSMLALLLGRTWPLFSVFYQYLEQSKYRVMNKDQWYNVLEFSRTVHAD LSNYDEDGAWPVLLDEFVEWQKIRQTS
	<b>TR</b> TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	27.6 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
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 after receiving vials.
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:	<a href="#">NP_084051</a>
Locus ID:	76863
UniProt ID:	<a href="#">Q9CXV9</a>



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RefSeq Size: 1201

Cytogenetics: 9 A1

RefSeq ORF: 714

Synonyms: 3110001A18Rik; 4833420K19Rik; AW060460; D430047L21Rik

**Summary:** Contributes to the neddylation of all cullins by transferring NEDD8 from N-terminally acetylated NEDD8-conjugating E2s enzyme to different cullin C-terminal domain-RBX complexes which is necessary for the activation of cullin-RING E3 ubiquitin ligases (CRLs). May play a role in DNA damage response and may participate to cell proliferation and anchorage-independent cell growth.[UniProtKB/Swiss-Prot Function]