

Product datasheet for TP720243XL

DCUN1D1 (NM_020640) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human DCN1, defective in cullin neddylation 1, domain containing 1 (S. cerevisiae) (DCUN1D1)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Met1-Val259
Tag:	N-His
Predicted MW:	32.3 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Supplied as a 0.2 um filtered solution of PBS, pH 7.4.
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<u>NP 065691</u>
Locus ID:	54165
UniProt ID:	<u>Q96GG9</u>
Cytogenetics:	3q26.33
Synonyms:	DCNL1; DCUN1L1; RP42; SCCRO; SCRO; Tes3



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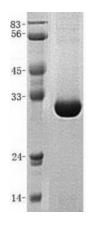
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CRIGENE DCUN1D1 (NM_020640) Human Recombinant Protein – TP720243XL

Summary:Part of an E3 ubiquitin ligase complex for neddylation. Promotes neddylation of cullin
components of E3 cullin-RING ubiquitin ligase complexes. Acts by binding to cullin-RBX1
complexes in the cytoplasm and promoting their nuclear translocation, enhancing
recruitment of E2-NEDD8 (UBE2M-NEDD8) thioester to the complex, and optimizing the
orientation of proteins in the complex to allow efficient transfer of NEDD8 from the E2 to the
cullin substrates. Involved in the release of inhibitory effets of CAND1 on cullin-RING ligase E3
complex assembly and activity (PubMed:25349211, PubMed:28581483). Acts also as an
oncogene facilitating malignant transformation and carcinogenic progression (By similarity).
[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Product images:



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