

## DCN1 Defective in Cullin Neddylation 1 Domain Containing 4 Human Re-

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| <b>Item Number</b>                       | rAP-3166  |
| <b>Synonyms</b>                          | DCN1 Defective In Cullin Neddylation 1 Domain Containing 4, Defective In Cullin Neddylation Protein 1-Like Protein 4, DCUN1 Domain-Containing Protein 4, KIAA0276, DCN1-Like Protein 4.   |
| <b>Description</b>                       | DCUN1D4 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 315 amino acids (1-292) and having a molecular mass of 36.5kDa. DCUN1D4 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.   |
| <b>Uniprot Accession Number</b>          | Q92564  |
| <b>Amino Acid Sequence</b>               | MGSSHHHHHH SSGLVPRGSH MGSMHSDAAA VNFQLNSHLS TLANIHKIYH TLNKLNLTED<br>IGQDDHQTGS LRSCSSSDCF NKVMPPRKKR RPASGDDLSA KKSRRHDSMYR KYDSTRIKTE<br>EEAFSSKRCL EWFY EYAGTD DVVGPEGMEK FCEDIGVEPE NVVMLVLAWK LDAQNMGYFT<br>LQEWLKGMTS LQCDTTEKLR NTLDYLR SFL NDSTNFKLIY RYAFDFAREK DQRSLDINTA<br>KCMLGLLL GK IWPLFPVFHQ FLEQSKYKVI NKDQWCNVLE FSRTINLDLS NYDEDGAWPV LLDE-<br>FVEWYK DKQMS |
| <b>Source</b>                            | Escherichia Coli.   |
| <b>Physical Appearance and Stability</b> | Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.   |
| <b>Formulation and Purity</b>            | The DCUN1D4 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 2mM DTT, 2mM EDTA and 50% glycerol. Greater than 85.0% as determined by SDS-PAGE.  |
| <b>Application</b>                       |   |
| <b>Solubility</b>                        |   |
| <b>Biological Activity</b>               |   |
| <b>Shipping Format and Condition</b>     | Lyophilized powder at room temperature.   |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**